



Fast Report Basic Guide

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












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1. Understand on Toolbar













1.1 Report Object



| Icon | Name | Description |
|---|------------------|---|
|  | Object Selection | standard mode of operation : mouse cursor selects object(s), modifies their sizes, etc. |
|  | Hand | allows dragging of whole report page |
|  | Zoom | allows left-clicking to zoom in (adds 25% if already 25-75%, else adds 100%) or right-clicking to zoom out (subtracts 25% if already 50-100%, else subtracts 100%) holding left mouse button while dragging zooms in to selected area |
|  | Text Editor | allows in-place editing of "Text" object holding left mouse button and moving the cursor creates and sizes a new "Text" object and opens its editor |
|  | Format copying | allows Format copying from one "Text" object to others: select a "Text" object, click Format mode button, select Target "Text" objects in turn exit Format copying mode by clicking any other mode button |
|  | Band | an area on a design page which behaves according to its type (e.g. Header band, Data band) |
|  | Text | displays one or more lines of text within a rectangular area |
|  | Picture | displays a graphic file in "BMP," "JPEG," "ICO," "WMF" or "EMF" format |
|  | SubReport | allows insertion of another report design page(New Page) within the host page. |
|  | System Text | displays either system information (date, time, page number, sum, etc) or aggregate values |
|  | Check Box | displays a checkbox with either a tick or a cross |
|  | Chart | displays data in various chart formats (pie chart, histogram, etc.) |
|  | RichText | displays text in Rich Text Format (RTF) |
|  | Draw | displays a horizontal or vertical line and displays various geometrical shapes (diagonal line, rectangle, rounded rectangle, ellipse, triangle and diamond) |
|  | Barcode | displays data as one of several barcode types |

1.2 Align Toolbar



| Icon | Name | Description |
|---|--------------------------------------|--|
|  | Align Left | align left edges (to first selected object) |
|  | Align Middle | align horizontal centres (to first selected |
|  | Align Right | align right edges (to first selected object) |
|  | Align Top | align top edges (to first selected object) |
|  | Align Centre | align vertical centres (to first selected object) |
|  | Align Bottom | align bottom edges (to first selected object) |
|  | Space Horizontally | space equally in horizontal direction |
|  | Space Vertically | space equally in vertical direction |
|  | Centre Horizontally | individually centre each object horizontally in band |
|  | Centre Vertically | individually centre each object vertically in band |
|  | Shrink/Grow Width to Smaller/Larger | set equal widths (same as first selected object) |
|  | Shrink/Grow Height to Smaller/Larger | set equal heights (same as first selected object) |

2. Sales Invoice Bands

2.1 Understand on Bands

2.1.1 Group Header

- Grouping Header
- To Print on every page, right click on **Group Header Band**, select **reprint on new page**

2.1.2 Master Data

- The **Main** Dataset of the report
- Normally Bind to Main Dataset
- Each Page allows to have 1 **Main Dataset Only**

2.1.3 Detail Data

- To display all **Item Details**

2.1.4 Group Footer

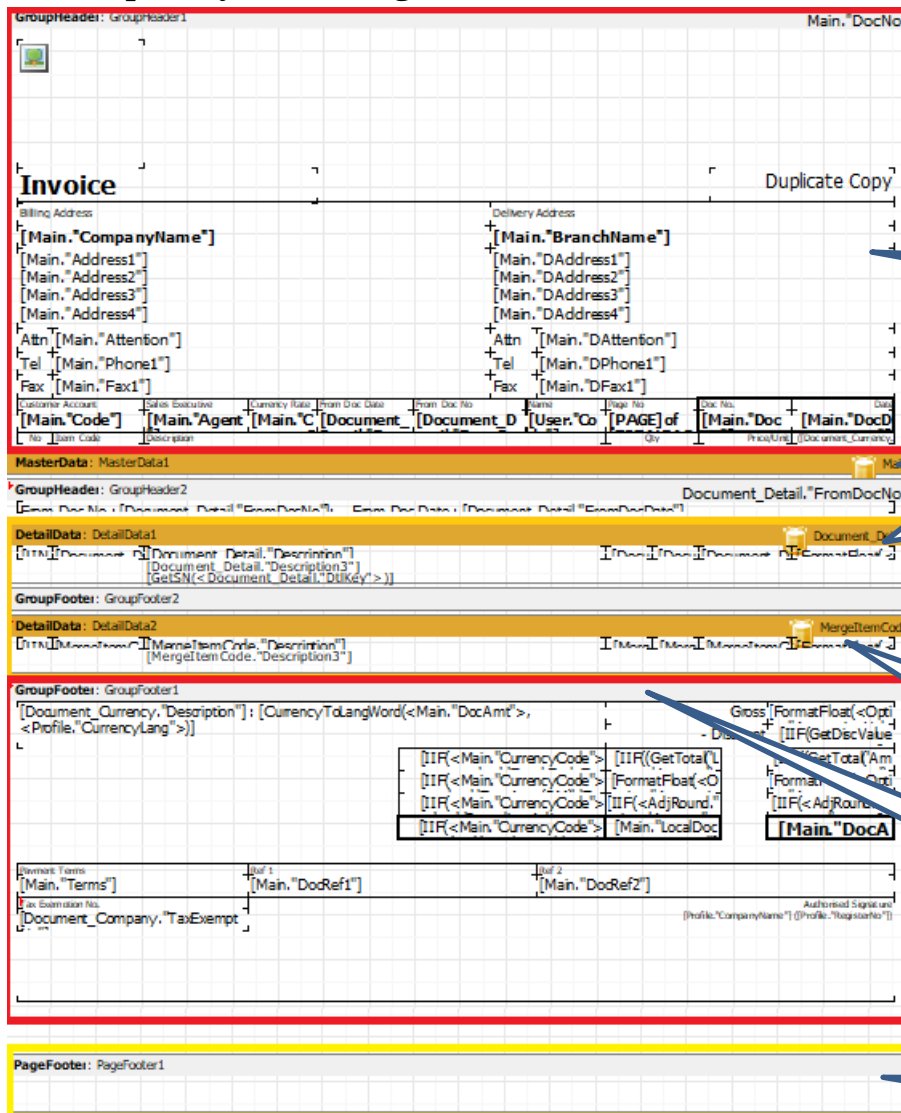
- Grouping Footer
- Display on **Last Page** only

2.1.5 Page Footer

- Display on **Every Pages**

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2.2 Sample Layout in Design Mode



The screenshot displays the design mode of a Fast Report for an invoice. The layout is divided into several sections:

- GroupHeader: GroupHeader1** (Red border): Contains the main invoice information, including company name, branch name, addresses, and contact details. It also includes a table for document details with columns for document number, description, and currency.
- MasterData: MasterData1** (Yellow border): A section for master data.
- GroupHeader: GroupHeader2** (Yellow border): A section for document details, including document number and description.
- DetailData: DetailData1** (Yellow border): A section for item details, including item code and description.
- GroupFooter: GroupFooter2** (Yellow border): A section for item totals, including item code and description.
- GroupFooter: GroupFooter1** (Red border): A section for document totals, including document number, description, and currency.
- PageFooter: PageFooter1** (Yellow border): A section for page information, including page number and total pages.

Group Header

Master Data

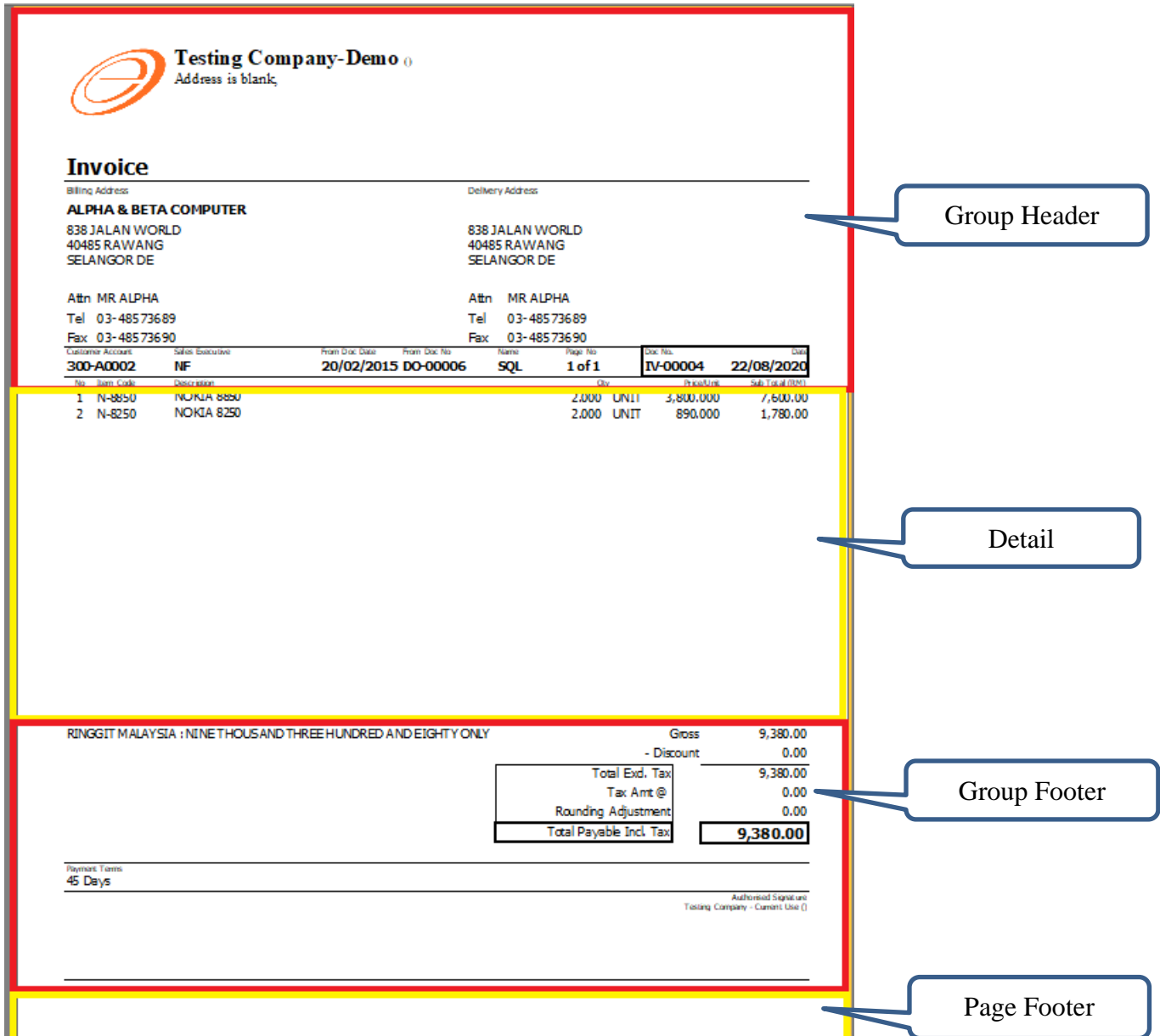
Detail – Without Merge Same Item Code
(Tools -> Option -> Miscellaneous - Unticked)

Detail – Without Merge Same Item Code
(Tools -> Option -> Miscellaneous - Unticked)

Group Footer

Page Footer

2.3 Sample Layout on Preview Mode



Testing Company-Demo
Address is blank

Invoice

Billing Address: **ALPHA & BETA COMPUTER**
838 JALAN WORLD
40485 RAWANG
SELANGOR DE

Delivery Address: 838 JALAN WORLD
40485 RAWANG
SELANGOR DE

Attn: MR ALPHA
Tel: 03-48573689
Fax: 03-48573690

Attn: MR ALPHA
Tel: 03-48573689
Fax: 03-48573690

| Customer Accounts | Sales Executive | From Doc. Date | From Doc. No | Name | Page No | Doc. No. | Date |
|-------------------|-----------------|----------------|--------------|------|---------|----------|------------|
| 300-A0002 | NF | 20/02/2015 | DO-00006 | SQL | 1 of 1 | IV-00004 | 22/08/2020 |

| No | Item Code | Description | Qty | Price/Unit | Sub Total (RM) |
|----|-----------|-------------|-------|----------------|----------------|
| 1 | N-8850 | NOKIA 8850 | 2.000 | UNIT 3,800.000 | 7,600.00 |
| 2 | N-8250 | NOKIA 8250 | 2.000 | UNIT 890.000 | 1,780.00 |

RINGGIT MALAYSIA : NINETHOUSAND THREE HUNDRED AND EIGHTY ONLY

| | |
|--------------------------------|-----------------|
| Gross | 9,380.00 |
| - Discount | 0.00 |
| Total Excl. Tax | 9,380.00 |
| Tax Amt @ | 0.00 |
| Rounding Adjustment | 0.00 |
| Total Payable Incl. Tax | 9,380.00 |

Payment Terms
45 Days

Authorized Signatory
Testing Company - Current User ()

2.4 Print Position

- Group Footer content will be printed at the pixel value input.
- Higher Value = Higher Footer
- without setting with print position, the group footer will be printed after the document detail records.

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- Example Source Code:

```
if Engine.FreeSpace < (GroupFooter1.Height + PageFooter1.Height + 30) then
Engine.NewPage;
```

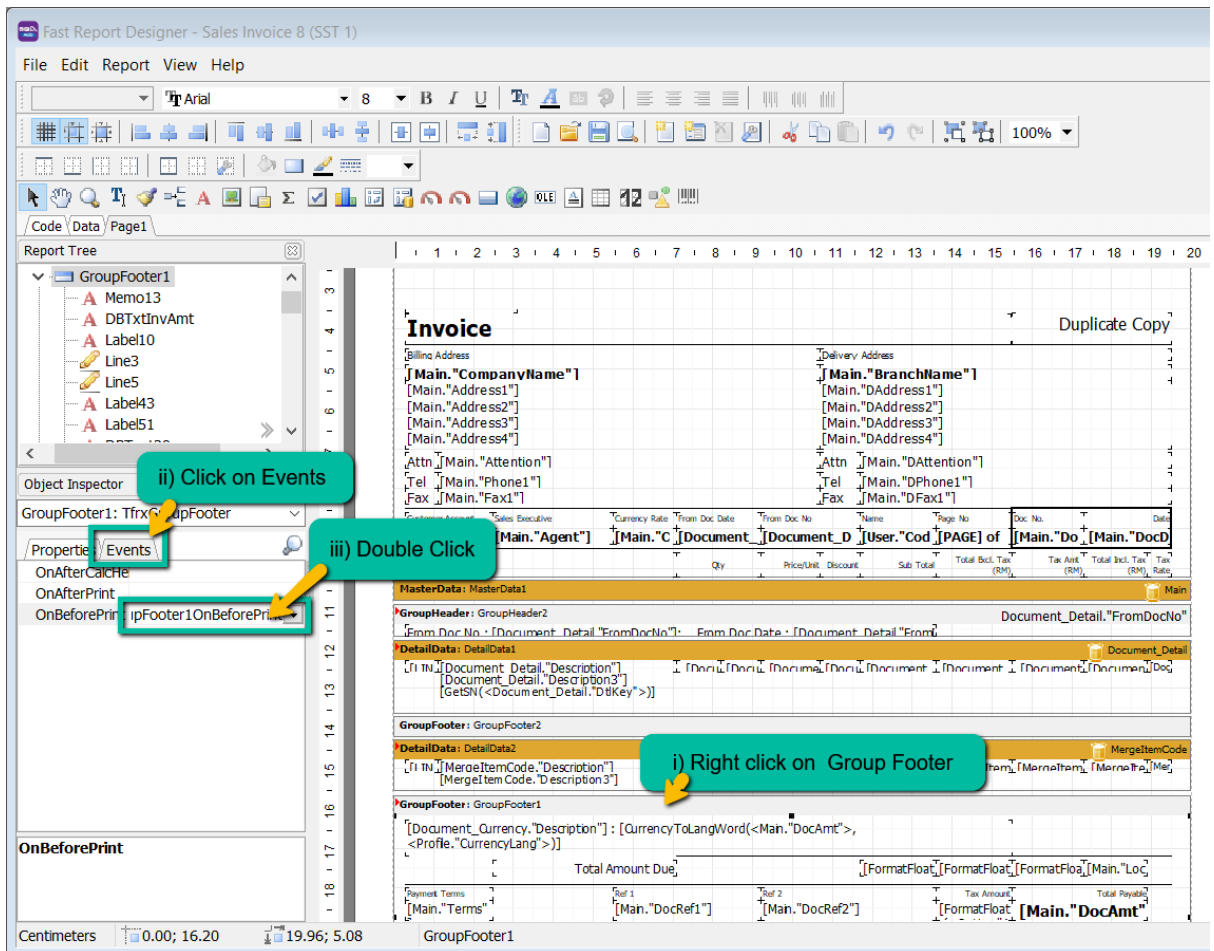
```
Engine.CurY := Engine.PageHeight - GroupFooter1.Height - PageFooter1.Height - 60 ;
```

2.4.1 How to do the Print Position setting in

Higher Value = Higher Footer

2.4.1.1 Click on Group Footer -> Click on Properties

Event Name



2.4.1.2 Adjust the value

```
procedure GroupFooter1OnBeforePrint (Sender: TfrxComponent);
begin
275 if Engine.FreeSpace < (GroupFooter1.Height + PageFooter1.Height + 30) then Engine.NewPage;
    Engine.CurY := Engine.PageHeight - GroupFooter1.Height - PageFooter1.Height - 60 ;
end;
```

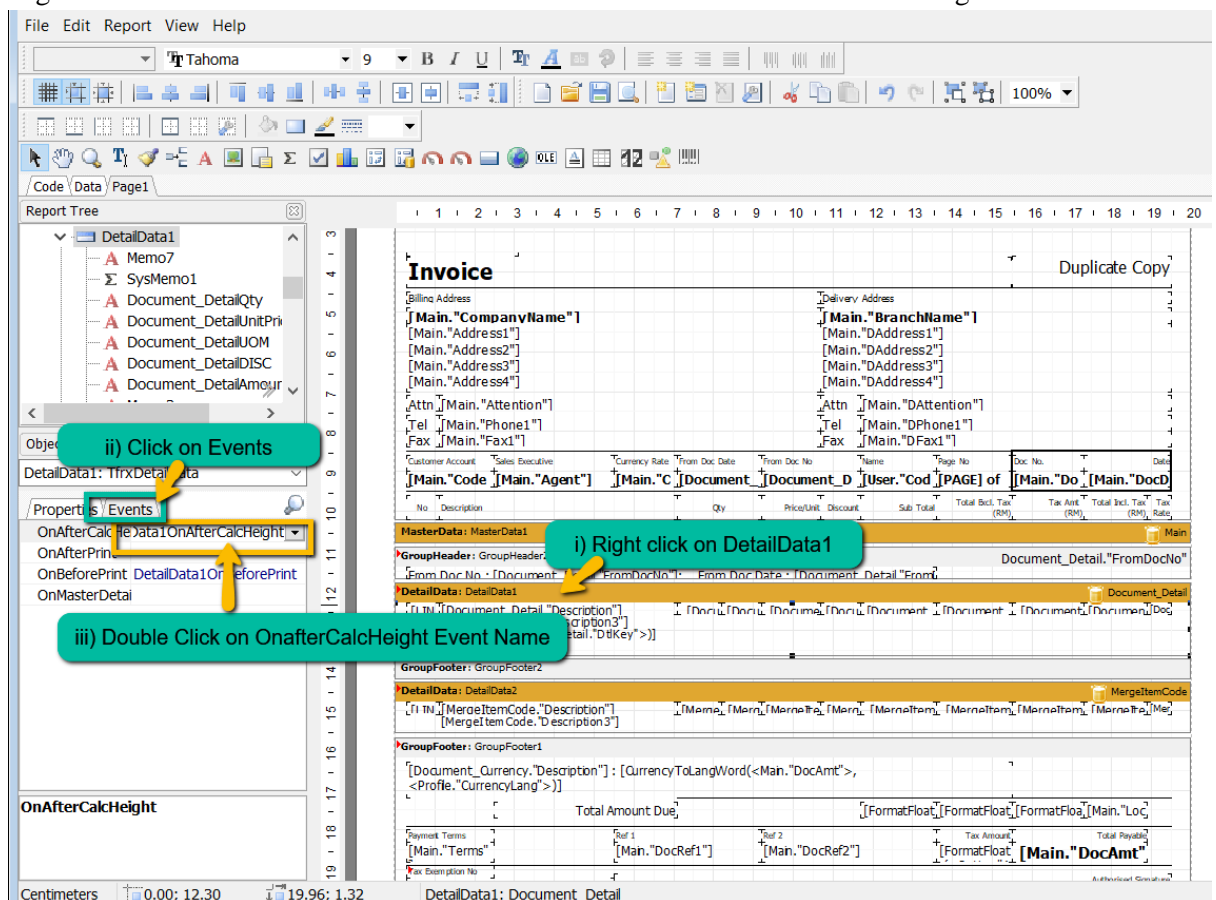
Higher Value, higher Footer

2.5 Stop Position vs Print Count

| Stop Position | Print Count |
|--------------------------------------|--|
| Details will stop at the input value | Details will stop by number of records inputs |
| Recommend Value in Pixel | Not recommend if using More Description Number of Records |

2.5.1 How to do the Stop Position in Report?

2.5.1.1 Right click DetailData1 -> Click on Events Tab -> Double click on AfterCalcHeight name



The screenshot shows the Fast Report software interface. The 'Report Tree' on the left shows 'DetailData1' selected. The 'Events' tab is active, and the 'OnAfterCalcHeight' event is highlighted. Callouts indicate: i) Right click on DetailData1, ii) Click on Events, and iii) Double Click on OnAfterCalcHeight Event Name.

2.5.1.2 Setting the stop position

```

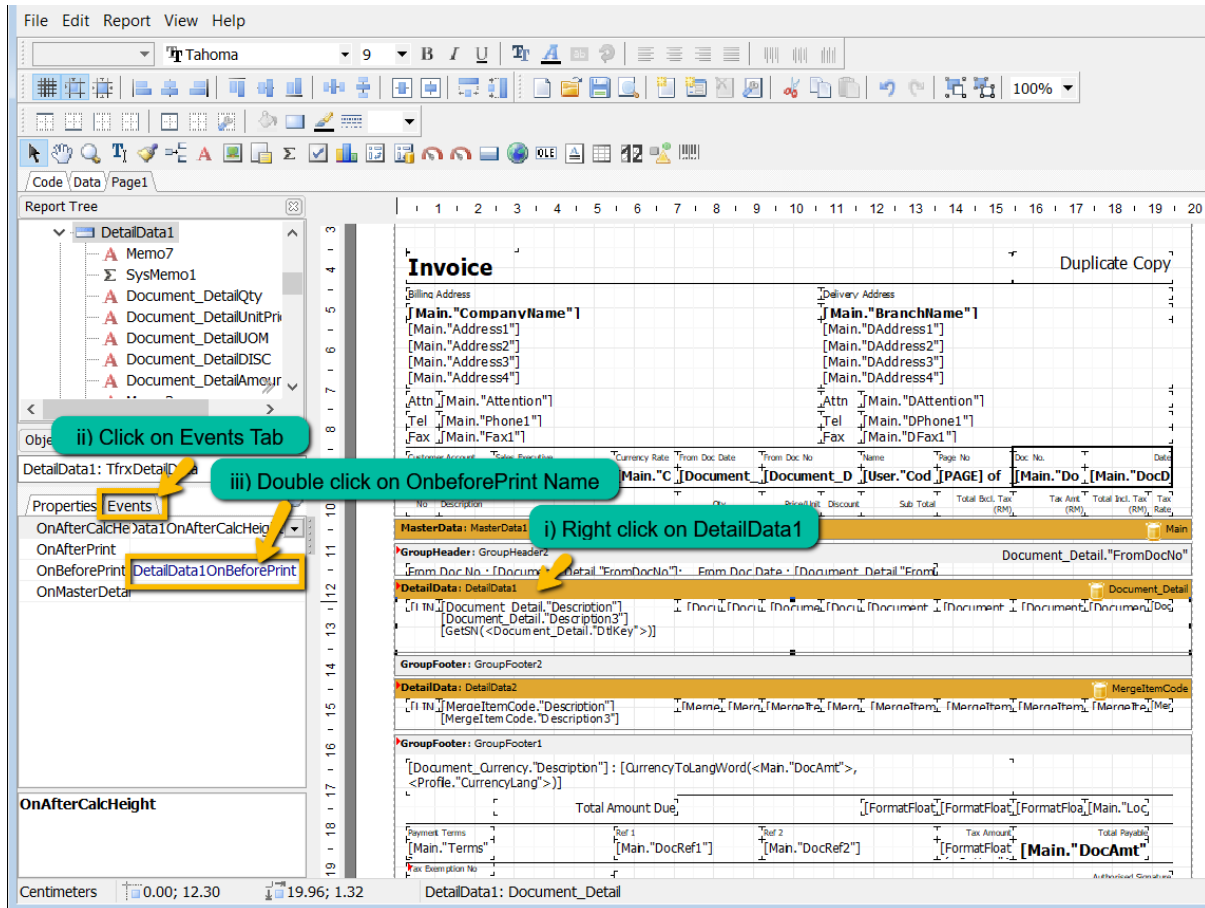
• procedure DetailData1OnAfterCalcHeight(Sender: TfrxComponent);
• begin
305 // Example Stop position on 9.5 inch * 96 = 912
• if TfrxDetailData(Sender).Visible and (Engine.CurY + DetailData1.Height >= 912) then Engine.NewPage;
• end;

```

iv) value in Pixel, example if you want to stop on 9.5 Inch, use 9.5 x 96 = 912

2.5.2 How to do the Print Count setting in Report?

2.5.2.1 Right click DetailData1 -> Click on Events Tab -> Double click on AfterCalcHeight name



The screenshot shows the Fast Report software interface. The main window displays an invoice report titled "Invoice" with a "Duplicate Copy" label. The report content includes fields for Billing Address, Delivery Address, and various tax and payment details. The Report Tree on the left shows a hierarchy of objects, with "DetailData1" selected. The Properties window on the left shows the "Events" tab for "DetailData1", with "OnBeforePrint" highlighted. The code editor at the bottom shows the following procedure:

```

procedure DetailData1OnBeforePrint(Sender: TfrxComponent);
begin
  DetailData1.Visible := <Option."MergeSameItemCode"> = False;
  DetailData2.Visible := <Option."MergeSameItemCode"> = False;

  // For Print Count 20
  if TfrxDetailData(Sender).Visible and (<Line#> mod 20 = 1) and (<Line#> > 1) then Engine.NewPage;
end;

```

Annotations in the image indicate the following steps:

- i) Right click on DetailData1
- ii) Click on Events Tab
- iii) Double click on OnbeforePrint Name
- iv) Set number of record

2.5.2.2 Set number of records

```

procedure DetailData1OnBeforePrint(Sender: TfrxComponent);
begin
  DetailData1.Visible := <Option."MergeSameItemCode"> = False;
  DetailData2.Visible := <Option."MergeSameItemCode"> = False;


  // For Print Count 20
  if TfrxDetailData(Sender).Visible and (<Line#> mod 20 = 1) and (<Line#> > 1) then Engine.NewPage;
end;

```

Small Tips :

- i) Set Either Print Count or Stop Position
- ii) use // to disable the command
- iii) When you set both Print Count and Stop Position, system will capture Print Count.

2.5.3 Sample on Print Position / Stop Position



Testing Company - Sample Report (1)
 No 1, 2nd Floor, Jalan Setia Dagang AK U13/AK, Setia Alam, 40170 Shah Alam, Selangor, Malaysia.
 Phone: 03-78901300

Tax Invoice

Billing Address:
TEST Contra

Delivery Address:

Atn
Tel
Fax

Atn
Tel
Fax

| Customer Account | Sales Description | Name | Page No | Doc No. | Date |
|------------------|-------------------|-------|---------|----------|------------|
| 300-T0007 | --- | ADMIN | 1 of 1 | IV-00100 | 11/11/2020 |

| No | Description | Qty | Unit | Price/Unit | Discount | Sub Total | Total Incl. Tax (RM) | Tax Amt. (RM) | Total Incl. Tax (RM) | Tax Rate |
|----|-------------|------|------|------------|----------|-----------|----------------------|---------------|----------------------|----------|
| 1 | ANTENA | 1.00 | LNIT | 4,001.00 | | 4,001.00 | 4,001.00 | 0.00 | 4,001.00 | |

Stop Position - Calc from Top to the arrow down

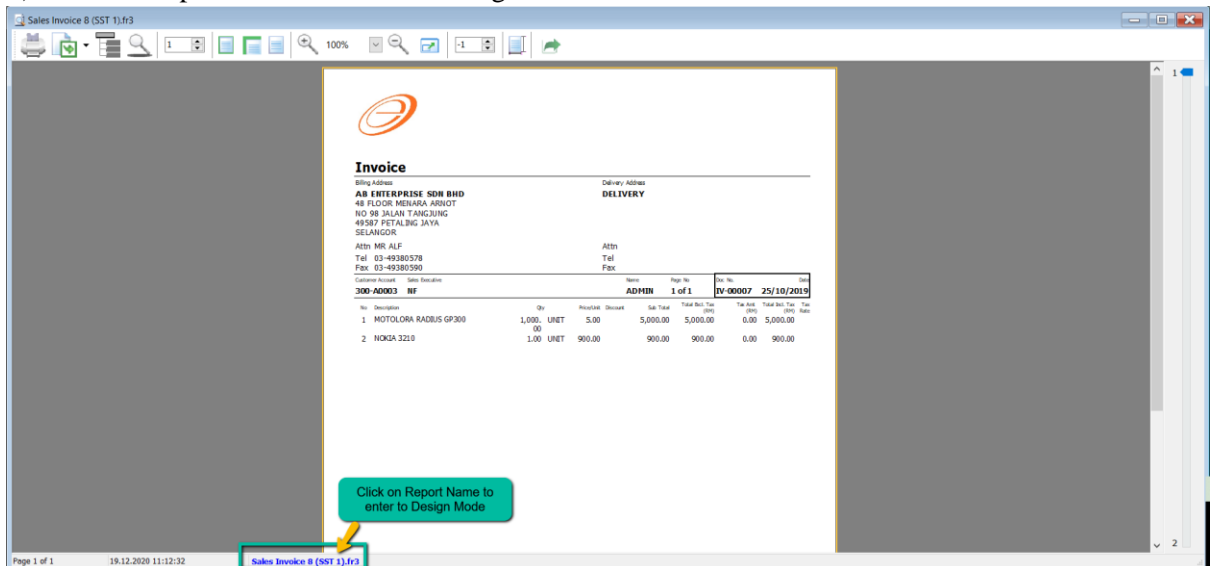
ROKONGIT MALAYSIA : FOUR THOUSAND AND ONE ONLY

| | | | | |
|----------------------------------|----------|------------------------|------|----------------------------|
| Total Amount Due | 4,001.00 | 4,001.00 | 0.00 | 4,001.00 |
| Payment Terms: 30 Days | | Tax Amount (RM) | | Total Tax Able (RM) |
| | | 0.00 | | 4,001.00 |

Print Position - Calc start from the Arrow up

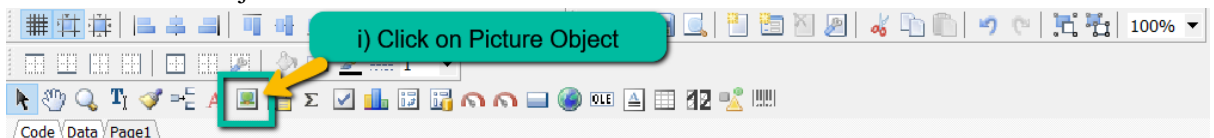
3. How to design Simple Sales Invoice?

- ➔ i) Preview Invoice
- ➔ ii) Click on Report Name to enter to Design Mode

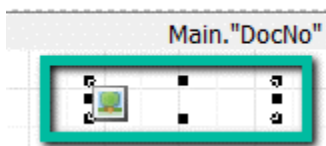


3.1 Add PICTURE

3.1.1 Click on Picture Object



3.1.2 Place on Report Page



i) Fix Picture

3.1.3 Click on Load

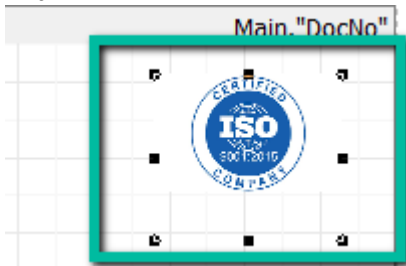


3.1.4 Select the Picture on your local drive

3.1.5 Click on ✓

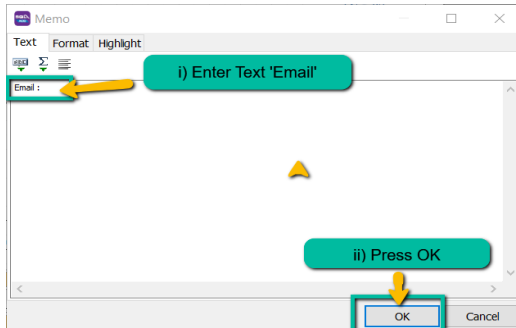


3.1.6 Adjust to the desire size



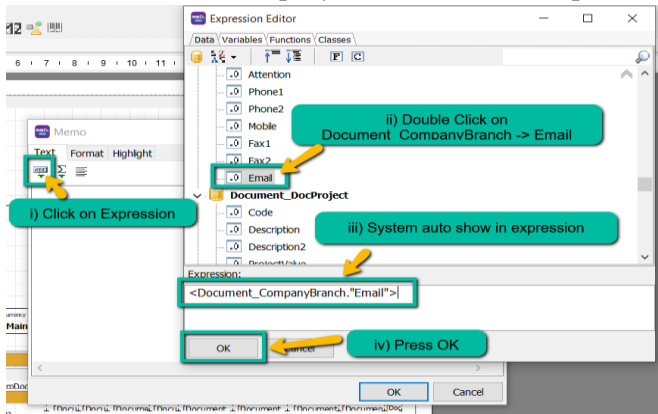
ii) Capture Picture from Report Dataset

3.2.3 Enter Text : Email



3.2.4 Repeat Step 3.2.1 & 3.2.2

3.2.5 Select Document_CompanyBranch -> Email Expression



3.3 Rich Text Object

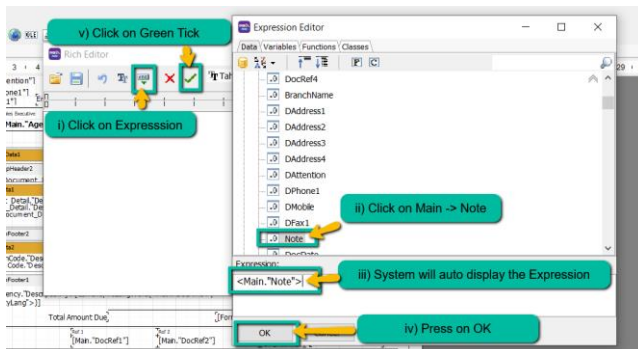
- Add Note

3.3.1 Click on RichText Object



3.3.2 Place on Report Page

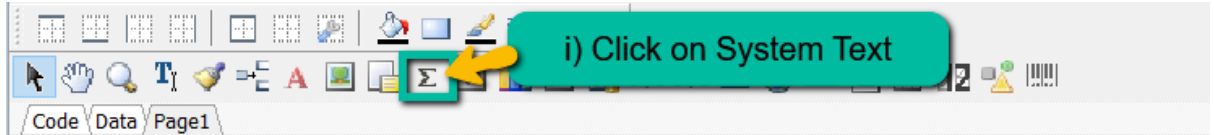
3.3.3 Select Main -> Note



3.4 System Text

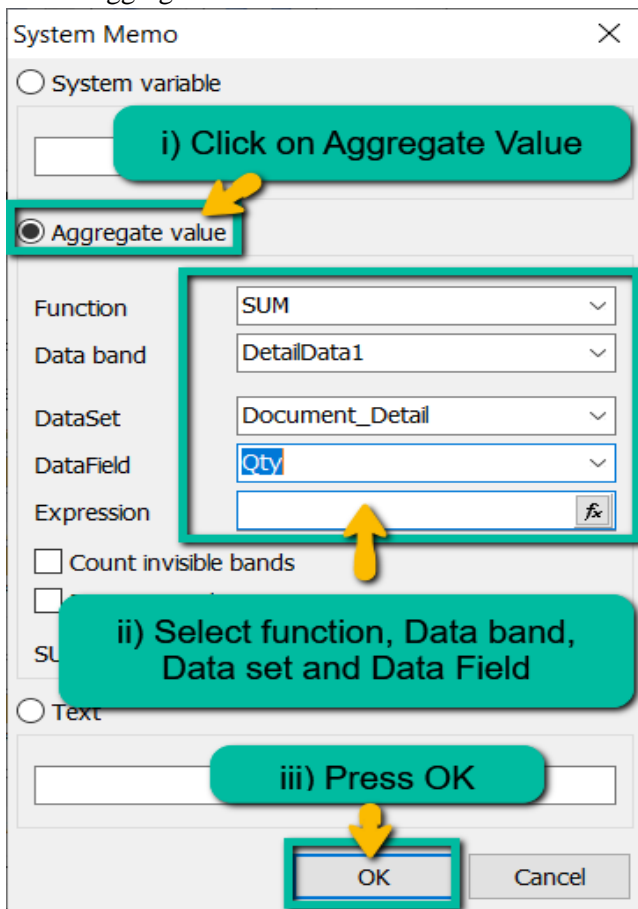
- Add Sum Qty

3.4.1 Click on System Text Object



3.4.2 Place on the Report Page

3.4.3 Select Aggregate value



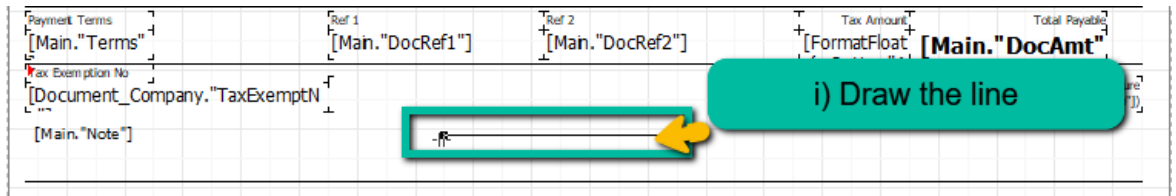
3.5 Draw Line

3.5.1 Click on Line



3.5.2 Place on the Report Page

3.5.3 Draw a line

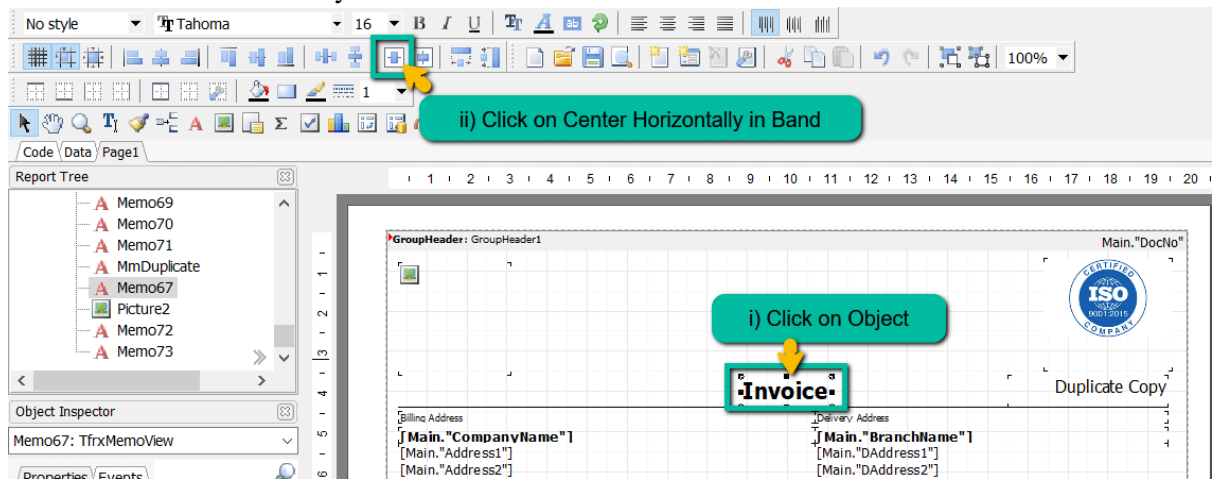


3.6 Center Horizontally in Band

- Display the object in center horizontal

3.6.1 Click on Object you want to show in center horizontal

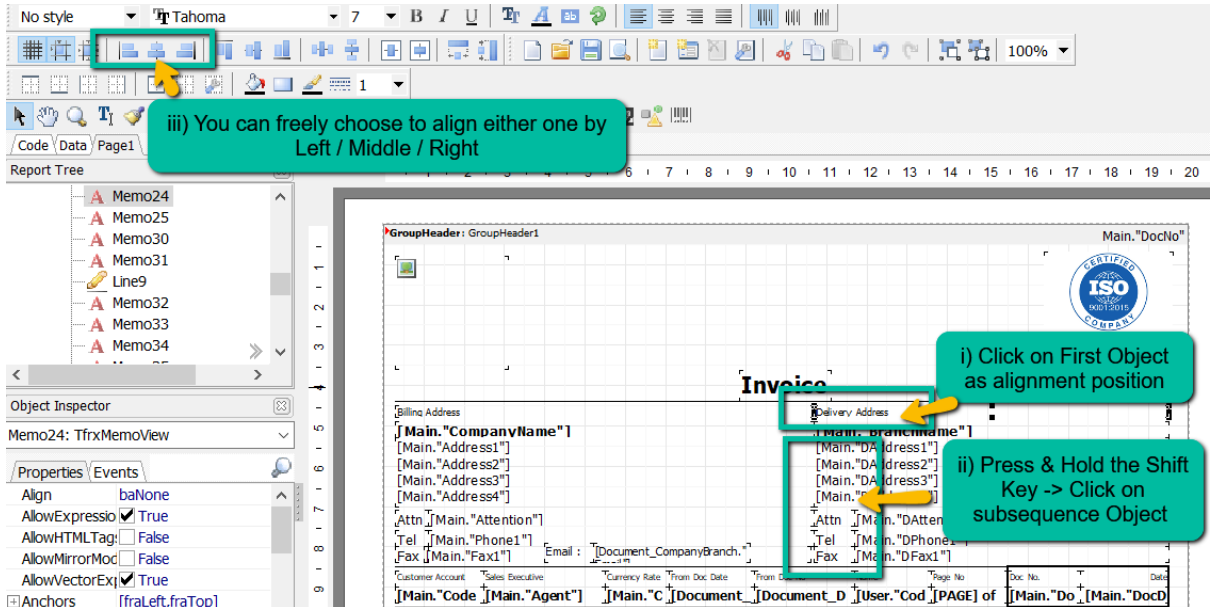
3.6.2 Click on Center Horizontally In Band



3.6.3 Done

3.7 Align Left / Middle / Right

3.7.1 Click on the multiple Object to Align as same alignment. System will follow the first object as alignment



The screenshot shows the Fast Report software interface. At the top, there is a toolbar with various alignment icons. A red box highlights the alignment icons, and a callout box points to them with the text: "iii) You can freely choose to align either one by Left / Middle / Right". Below the toolbar is the Report Tree, which lists various objects like Memo24, Memo25, Memo30, Memo31, Line9, Memo32, Memo33, and Memo34. The Object Inspector shows the properties for Memo24: TfrxMemoView, with the Align property set to baNone. The main area displays an invoice report design with fields like Billing Address, Delivery Address, and various company details. A red box highlights the first object in the address list, and a callout box points to it with the text: "i) Click on First Object as alignment position". Another red box highlights the subsequent objects, and a callout box points to them with the text: "ii) Press & Hold the Shift Key -> Click on subsequence Object".

3.7.2 Done



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3.8 Save the File

1. File -> Save As -> Enter Report Name -> Save
2. Preview and see the result

Result:

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3.1 Picture →

3.2 Text Memo → Email : info@ab.com.my

3.3 Rich Text → AND NINE HUNDRED ONLY

3.4 RichText → 1001

3.5 Line → _____

3.6 Center Horizontally → Invoice

3.7 Align Left → DELIVERY

Billing Address:
AB ENTERPRISE SDN BHD
 48 FLOOR MENARA A
 NO 98 JALAN TANGI
 49587 PETALING JAY
 SELANGOR
 Attn MR ALF
 Tel 03-49380578
 Fax 03-49380590

DELIVERY Address:
 DELIVERY
 Attn
 Tel
 Fax

| No | Description | Qty | Price/Unit | Discount | Sub Total | Total Excl. Tax (RM) | Tax Amt (RM) | Total Incl. Tax (RM) | Tax Rate |
|----|-----------------------|----------|------------|----------|-----------|----------------------|--------------|----------------------|----------|
| 1 | MOTOLORA RADIUS GP300 | 1,000.00 | UNIT | 5.00 | 5,000.00 | 5,000.00 | 0.00 | 5,000.00 | |
| 2 | NOKIA 3210 | 1.00 | UNIT | 900.00 | 900.00 | 900.00 | 0.00 | 900.00 | |

Customer Account: 300-A0003 NF Name: ADMIN Page No: 1 of 1 Doc No: IV-00007 Date: 25/10/2019

Amount Due: 5,900.00 Tax Amount (RM): 0.00 Total Payable (RM): 5,900.00

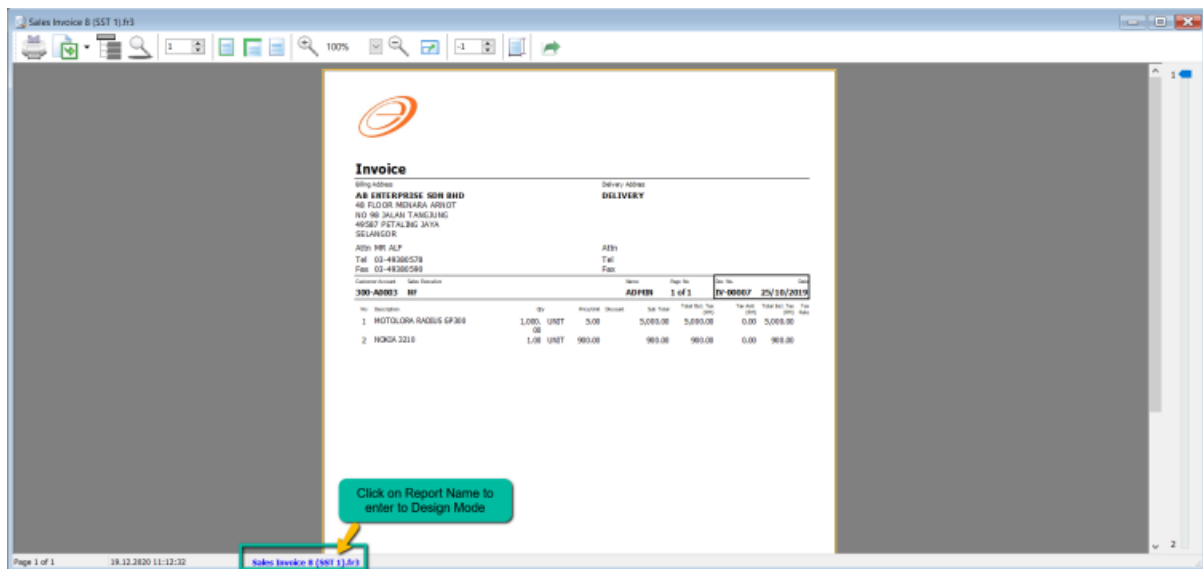
Payment Terms: 30 Days

Authorized Signature: _____
 Printing Company: _____

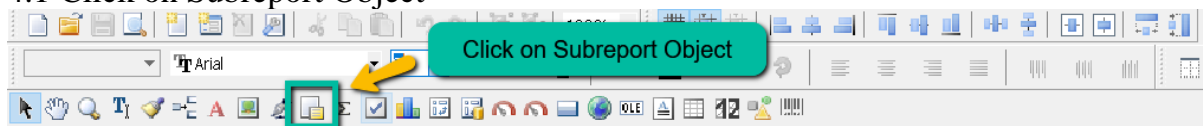
4. How to create the Subreport in Report?

-> Preview Invoice

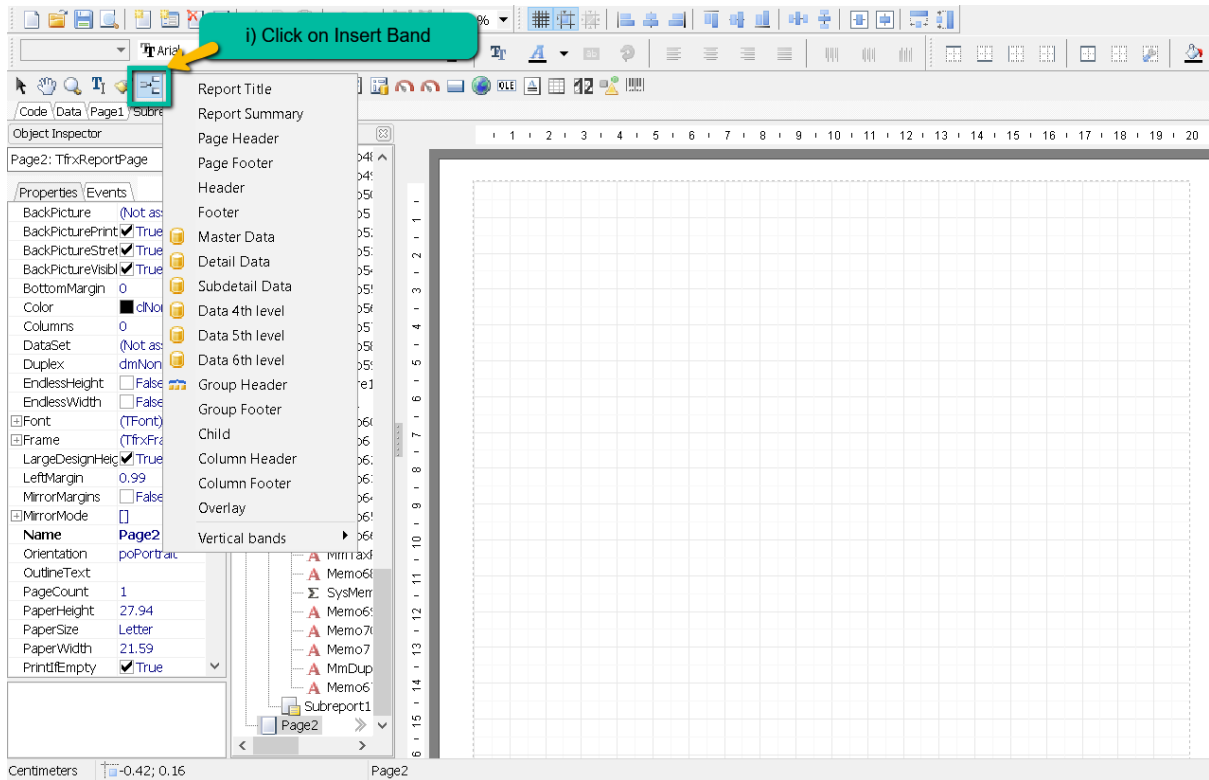
-> Click on Report Name to enter to Design Mode



4.1 Click on Subreport Object



4.1.1 Place on Report Page you want to show.

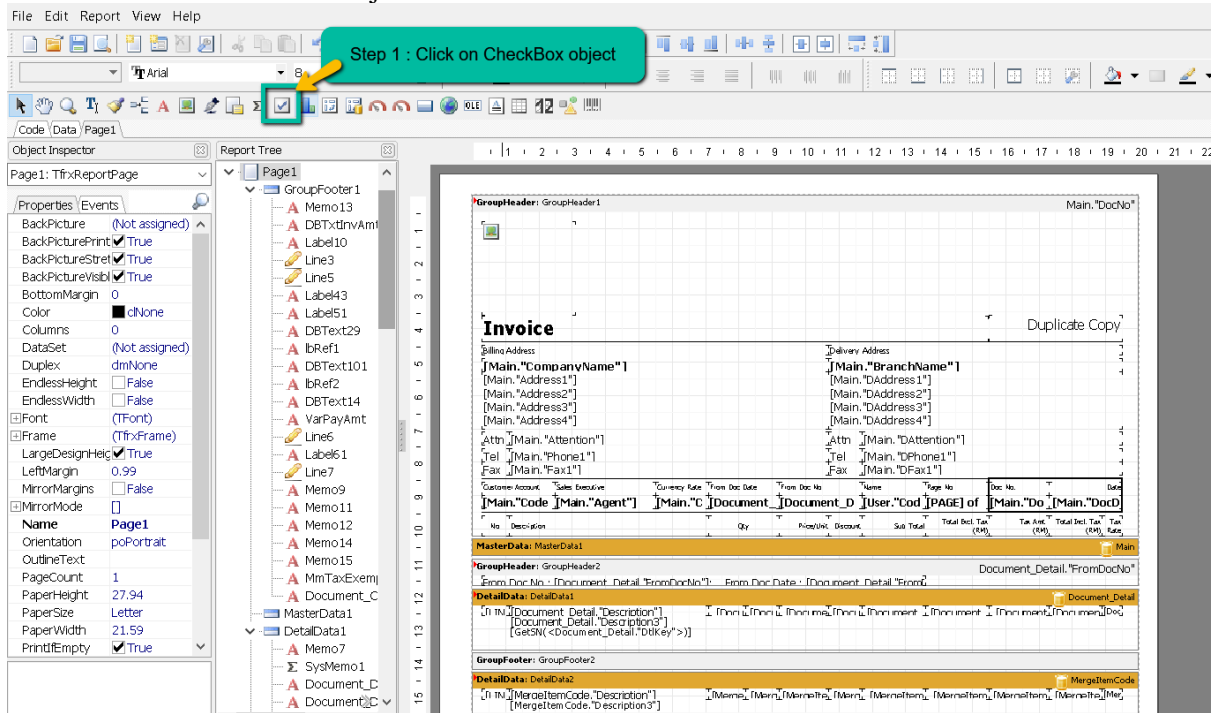


***May refer 2.1 Understand Bands at Page 4 on what band to use*

5. Check Box

5.1 Simple CheckBox

5.1.1 Click on CheckBox object



The screenshot shows the Fast Report software interface. A green callout box points to the checkbox icon in the toolbar, with the text "Step 1: Click on CheckBox object". The Object Inspector on the left shows the properties of the selected checkbox object. The Report Tree on the right shows the structure of the report, including a GroupHeader1 and a DetailData1. The preview window on the right shows an invoice report with various fields and a table of items.

5.1.2 Place on the place you want to show.

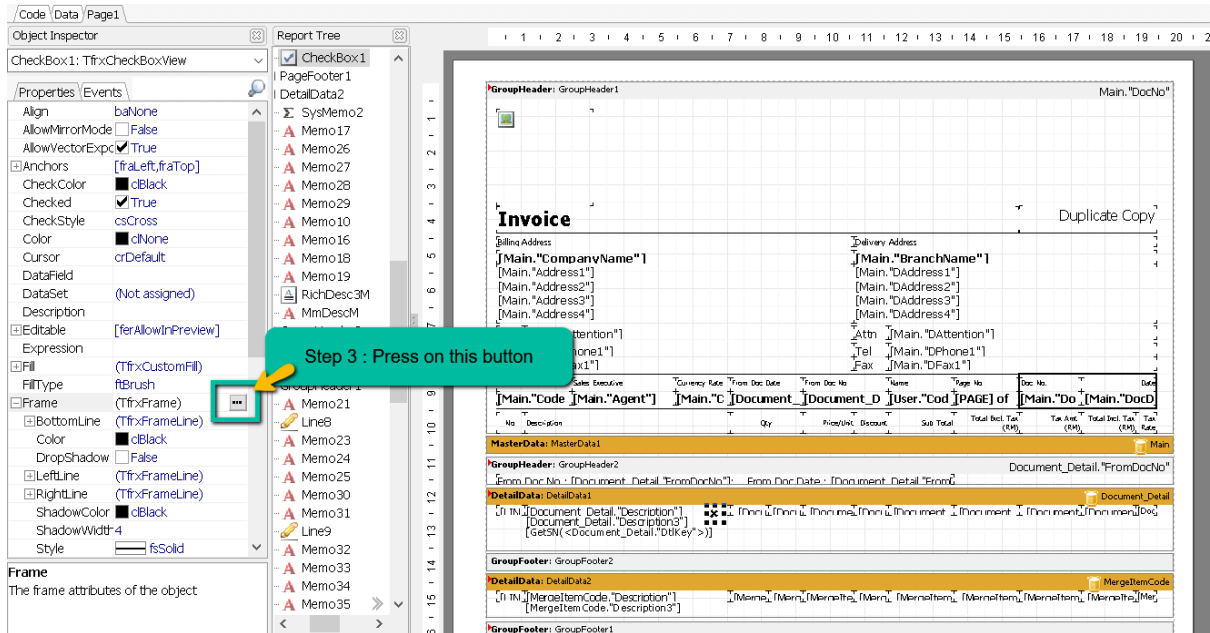
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| Invoice | | | | | | | | | | Duplicate Copy | |
|--|--------------------------------------|---------------|---------------|-------------|--------------------------|----------------------|--------------|----------------------|----------|----------------|--|
| Billing Address | | | | | Delivery Address | | | | | | |
| [Main."CompanyName"] | | | | | [Main."BranchName"] | | | | | | |
| [Main."Address1"] | | | | | [Main."DAddress1"] | | | | | | |
| [Main."Address2"] | | | | | [Main."DAddress2"] | | | | | | |
| [Main."Address3"] | | | | | [Main."DAddress3"] | | | | | | |
| [Main."Address4"] | | | | | [Main."DAddress4"] | | | | | | |
| Attn [Main."Attention"] | | | | | Attn [Main."DAttention"] | | | | | | |
| Tel [Main."Phone1"] | | | | | Tel [Main."DPhone1"] | | | | | | |
| Fax [Main."Fax1"] | | | | | Fax [Main."DFax1"] | | | | | | |
| Customer Account | Sales Executive | Currency Rate | From Doc Date | From Doc No | Name | Page No | Doc No. | Date | | | |
| [Main."Code"] | [Main."Agent"] | [Main."C"] | [Document_ | [Document_D | [User."Cod | [PAGE] of | [Main."Do | [Main."DocD | | | |
| No | Description | Qty | Price/Unit | Discount | Sub Total | Total Excl. Tax (RM) | Tax Amt (RM) | Total Incl. Tax (RM) | Tax Rate | | |
| MasterData: MasterData1 | | | | | | | | | | | |
| GroupHeader: GroupHeader2 | | | | | | | | | | DocNo" | |
| From Doc No : [Document_Detail."FromDocNo"] : From Doc | | | | | | | | | | | |
| DetailData: DetailData1 | | | | | | | | | | | |
| [IN] | [Document_Detail."Description"] | | | | | | | | | ent_Detail | |
| | [Document_Detail."Description3"] | | | | | | | | | Doc | |
| | [GetSN(<Document_Detail."DtKey" >)] | | | | | | | | | | |
| GroupFooter: GroupFooter2 | | | | | | | | | | | |
| DetailData: DetailData2 | | | | | | | | | | MergeItemCode | |
| [IN] | [MergeItemCode."Description"] | | [MergeI | [MergeI | [MergeI | [MergeI | [MergeI | [MergeI | [MergeI | [MergeI | |
| | [MergeItem Code."Description3"] | | | | | | | | | | |
| GroupFooter: GroupFooter1 | | | | | | | | | | | |

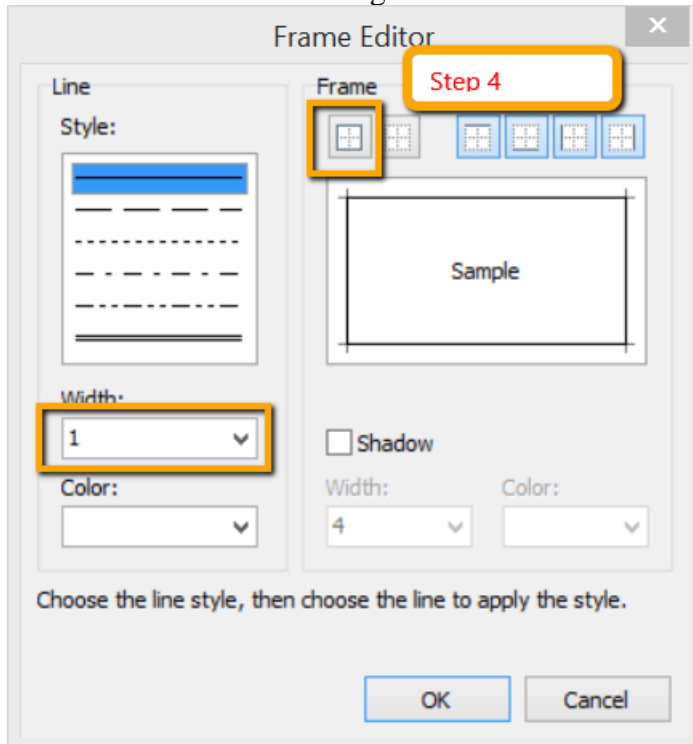
Step 2 : Place on the place you want to show



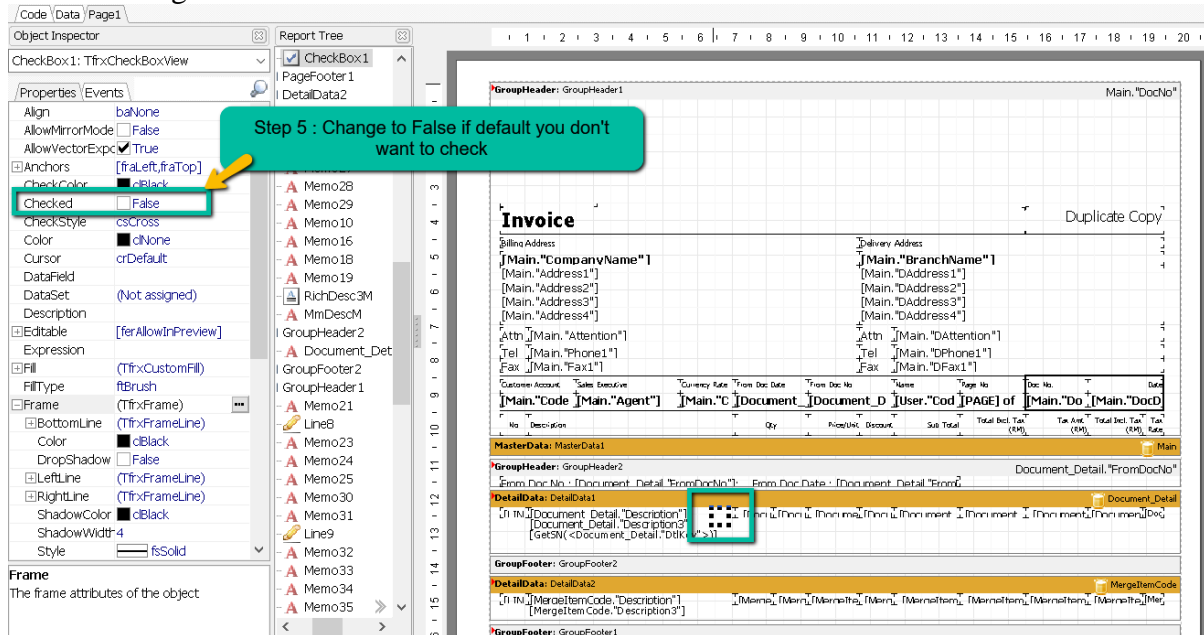
5.1.3 Press on the button



5.1.4 Select the frame design



5.1.5 Change to False



Step 5: Change to False if default you don't want to check

5.1.6 Save the File

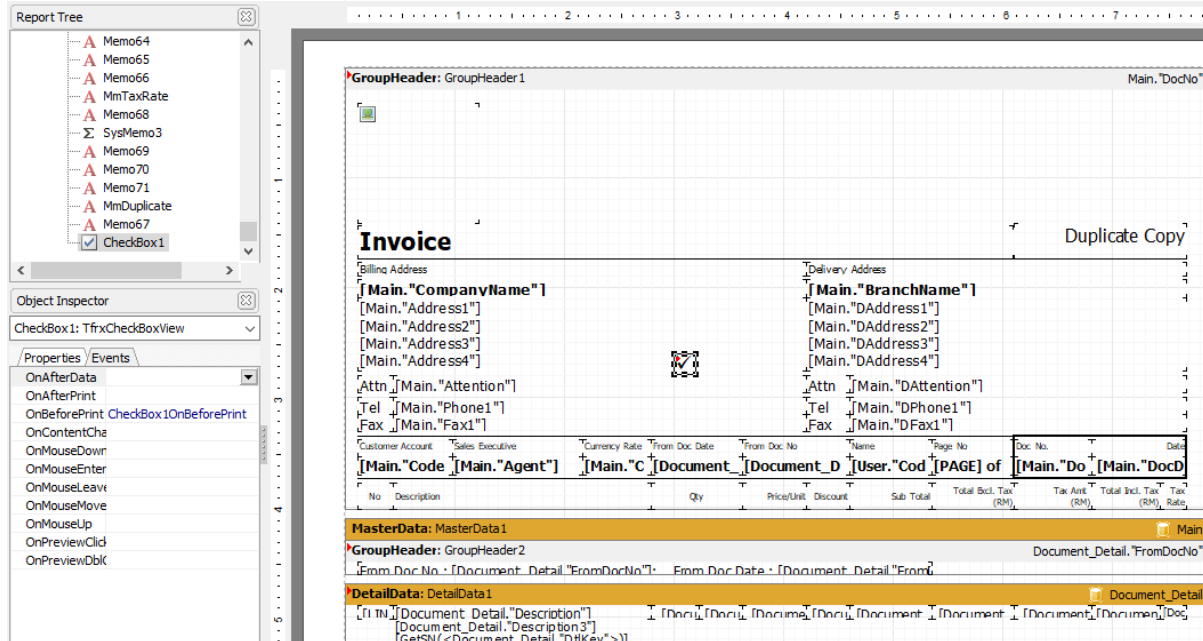
- i) File -> Save As -> Enter Report Name -> Save
- ii) Preview and see the result

Result:

| | | | | | |
|------------------|-----------------|---------------|-----------------|---------------|----------------------|
| 37703 SINGAPORE | | | 37703 SINGAPORE | | |
| Attn | MS JENNIFER | | Attn | MS JENNIFER | |
| Tel | 02-9864874 | | Tel | 02-9864874 | |
| Fax | 02-9864876 | | Fax | 02-9864876 | |
| Customer Account | Sales Executive | Currency Rate | Name | Page No | Doc No. |
| 300-A0001 | LF | 2.503 | ADMIN | 1 of 1 | IV-00026 |
| | | | | | 19/01/2006 |
| No | Description | Qty | Price/Unit | Discount | Sub Total |
| 1 | | 9 UNIT | 0.00 | | 0.00 |
| | | | | | Total Excl. GST (RM) |
| | | | | | 0.00 |
| | | | | | GST Amt @ 6% (RM) |
| | | | | | 0.00 |
| | | | | | Total Incl. GST (RM) |
| | | | | | 0.00 |
| | | | | | Tax |
| | | | | | |

5.2 Query to show Check Box either True to False

5.2.1 Click on CheckBox | Double Click OnBeforePrint



The screenshot shows the Fast Report Designer interface. On the left, the Report Tree lists various reports, with 'CheckBox1' selected. The Object Inspector shows the 'OnBeforePrint' event for 'CheckBox1' is set to 'CheckBox1OnBeforePrint'. The main preview area displays an 'Invoice' report with a 'Duplicate Copy' button. The report includes fields for Billing Address, Delivery Address, Attention, Telephone, and Fax. Below the header is a table with columns for No, Description, Qty, Price/Unit, Discount, Sub Total, Total Incl. Tax (RM), and Tax Rate. The table is currently empty.

5.2.2 Place a Query below

```

procedure CheckBox1OnBeforePrint(Sender: TfrxComponent);
begin
  if <Main."UDF_updated"> = 'T' then
    checkbox1.checked := true
  else
    checkbox1.checked := false;
  // CheckBox1.visible := <Main."UDF_updated"> = 'T'
end;

```

Query :

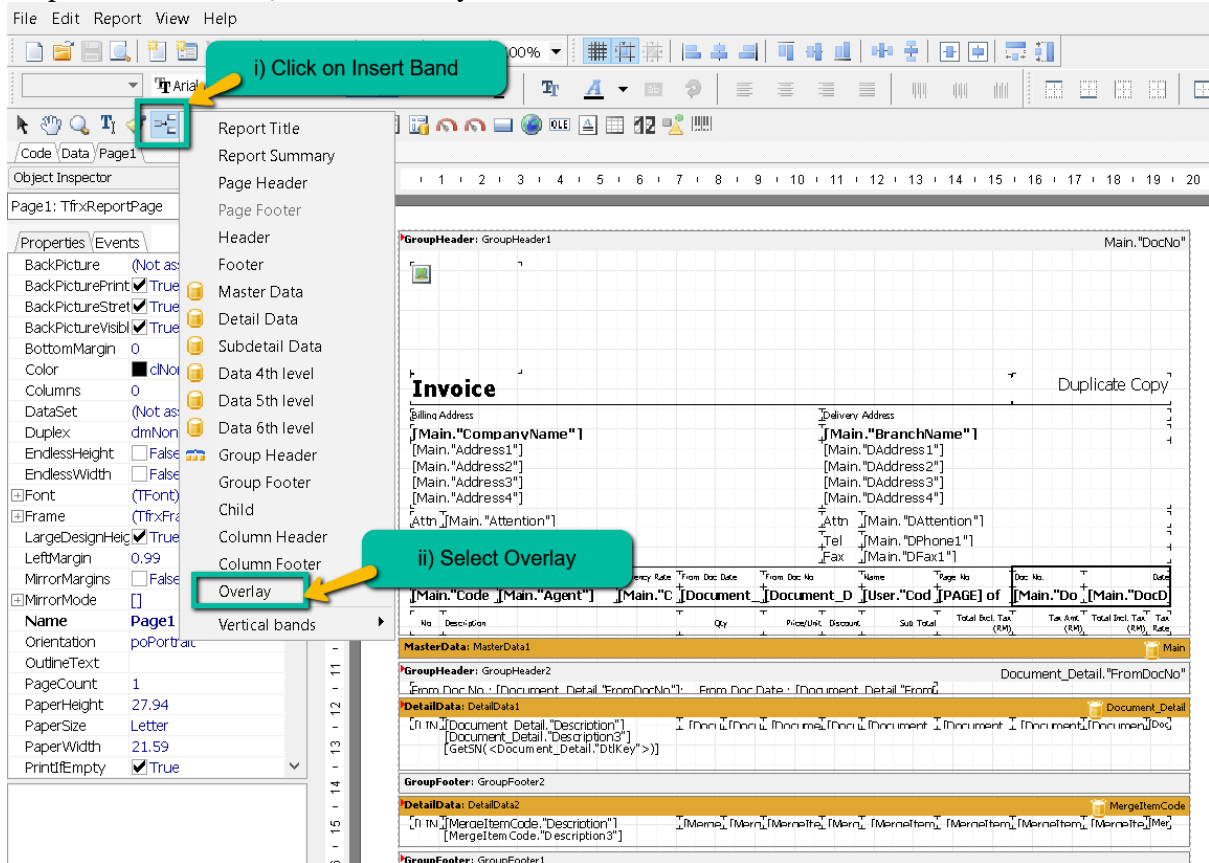
```

if <Main."UDF_updated"> = 'T' then
  checkbox1.checked := true
else
  checkbox1.checked := false;

```

6. How to do Report Watermark?

Step 1 : Insert Band | Select Overlay



The screenshot shows the Fast Report software interface. The 'Insert Band' menu is open, and the 'Overlay' option is highlighted. A yellow arrow points to the 'Overlay' option in the menu, with a callout box containing the text 'ii) Select Overlay'. Another yellow arrow points to the 'Insert Band' icon in the toolbar, with a callout box containing the text 'i) Click on Insert Band'. The main report preview area shows an 'Invoice' form with various fields and a table of items.

i) Click on Insert Band

ii) Select Overlay

The report preview area displays the following content:

Invoice Duplicate Copy

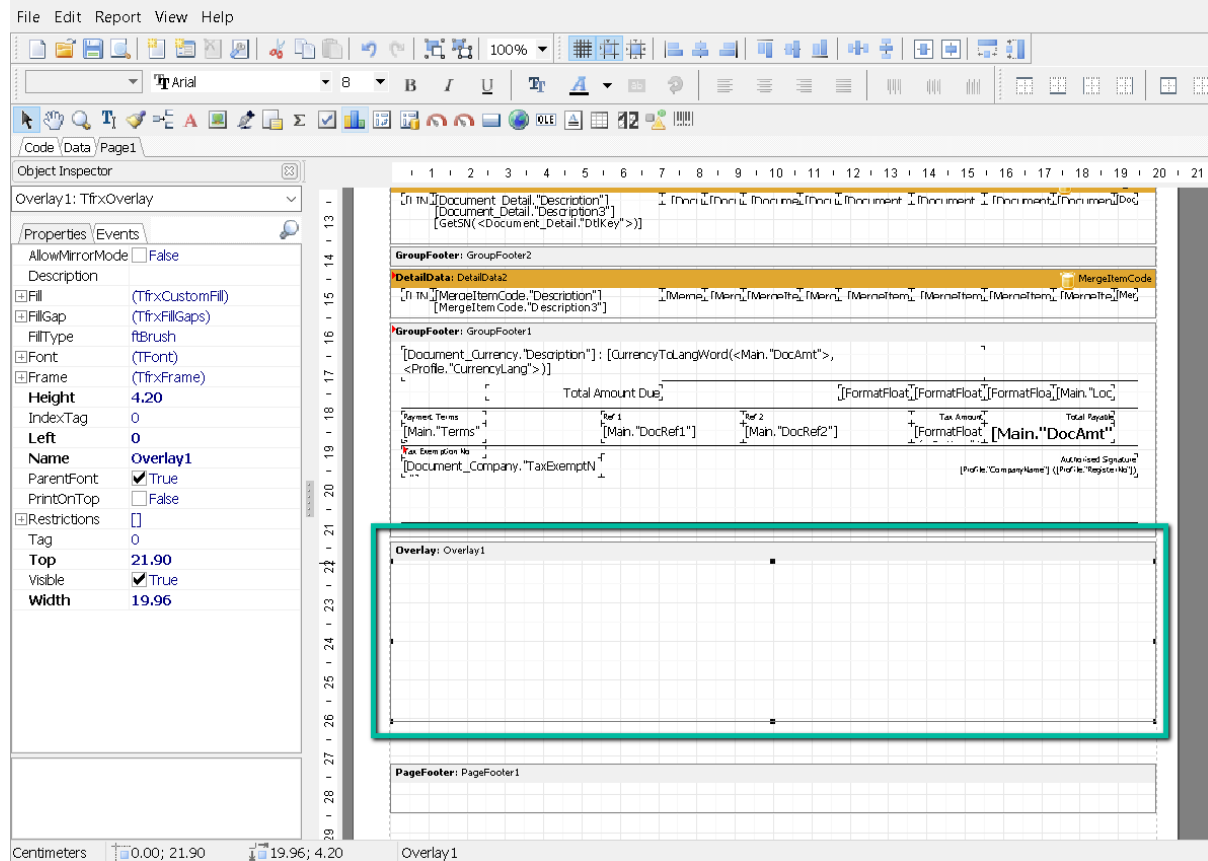
Billing Address: [Main."CompanyName"]
 [Main."Address1"]
 [Main."Address2"]
 [Main."Address3"]
 [Main."Address4"]

Delivery Address: [Main."BranchName"]
 [Main."DAddress1"]
 [Main."DAddress2"]
 [Main."DAddress3"]
 [Main."DAddress4"]

Attn: [Main."Attention"]
 Tel: [Main."DPhone1"]
 Fax: [Main."DFax1"]

| No | Description | Qty | Price/Unit | Discount | Sub Total | Total Incl. Tax (RM) | Tax Amt. (RM) | Total Incl. Tax (RM) | Tax Rate |
|----------------------------------|-------------|-----|------------|----------|-----------|----------------------|---------------|----------------------|----------|
| MasterData: MasterData1 | | | | | | | | | |
| GroupHeader: GroupHeader2 | | | | | | | | | |
| DetailData: DetailData1 | | | | | | | | | |
| GroupFooter: GroupFooter2 | | | | | | | | | |
| DetailData: DetailData2 | | | | | | | | | |
| GroupFooter: GroupFooter1 | | | | | | | | | |

Step 2 : Insert Picture / Text to load in the water mark



The screenshot shows the Fast Report software interface. On the left is the Object Inspector for 'Overlay1: TfixOverlay'. The Properties tab is active, showing the following settings:

- AllowMirrorMode: False
- Description: Description
- Fill: (TfixCustomFill)
- FillGap: (TfixFillGaps)
- FillType: ftBrush
- Font: (TFont)
- Frame: (TfixFrame)
- Height: 4.20
- IndexTag: 0
- Left: 0
- Name: Overlay1
- ParentFont: True
- PrintOnTop: False
- Restrictions:
- Tag: 0
- Top: 21.90
- Visible: True
- Width: 19.96

The main report design area shows a grid with various data fields and footers. A red rectangular box highlights a specific area in the design, which corresponds to the 'Overlay: Overlay1' object shown in the Object Inspector. The status bar at the bottom indicates the dimensions of the overlay: Centimeters 0.00; 21.90 and 19.96; 4.20.

Step 3 : Overlay size can drag the same size as A4/Letter, and place the watermark on the position you want to show.



Fast Report Basic Guide

Code | Data | Page1

Object Inspector

Picture2: TfrxPictureView

Properties

- Align: baNone
- AllowMirrorMode: False
- AllowVectorExp: True
- Anchor: [frLeft, frTop]
- AutoSize: False
- Center: True
- Cursor: crDefault
- DataField: (Not assigned)
- DataSet: (Not assigned)
- Description: (Not assigned)
- Editable:
- FileLink: (Not assigned)
- Fill: (TfrxCustomFill)
- FillType: ftBrush
- Frame: (TfrxFrame)
- Height: 3.50
- HighQuality: False
- Hint: (Not assigned)
- Hyperlink: (TfrxHyperlink)
- KeepAspectRatio: True
- Left: 0.80
- Name: Picture2
- Picture: (Picture)
- Printable: True
- Restrictions: (Not assigned)

Object Inspector (continued):

- GroupFooter: GroupFooter2
- GroupFooter: GroupFooter1
- PageFooter: PageFooter1
- Overlay: Overlay1

Code Editor:

```

[DetailData: DetailData1]
[Document_Detail, "Description"]
[Document_Detail, "Description3"]
[GetSN(<Document_Detail."DtKey">)]

[GroupFooter: GroupFooter2]

[DetailData: DetailData2]
[MergeItemCode, "Description"]
[MergeItemCode, "Description3"]

[GroupFooter: GroupFooter1]
[Document_Currency, "Description"] : {CurrencyToLangWord(<Main."DocAmt">,
<Profile."CurrencyLang">)}

Total Amount Due, [FormatFloat, FormatFloat, FormatFloat, Main."Loc",
Payment Terms, [Main."DocRef1"], [Main."DocRef2"], Tax Amount, Total Repaid,
Tax Description No, [Main."DocRef1"], [Main."DocRef2"], [FormatFloat, [Main."DocAmt"],
[Document_Company, "TaxExemptN", [Profile."CompanyName"], [Profile."RegisteNo"]
  
```

Overlay: Overlay1

PageFooter: PageFooter1

Step 3: File | Save As: Enter report name

Step 4 : Preview and see the Result :

Sales Invoice 8 (SST 1) - watermark

75%

Testing Co. (1234567890)
No. 25, Jalan Permatasari, 1st Floor,
40170, Shah Alam, Selangor,
Phone: 03-73471780 Fax: 03-5988 9213
(GST No. B16-2661-3186215)

Invoice

Bill to: Msi Housing (Langkat) Sdn. Bhd.,
Lot 93, Jalan Meranti Kukuh,
07000 Langkat.

Bill from: Msi Housing (Langkat) Sdn. Bhd.,
Lot 93, Jalan Meranti Kukuh,
07000 Langkat.

Alt: Mr. Datta Tel: 04-375 5235
Fax: 04-375 5235

Alt: Mr. Datta Tel: 04-375 5235
Fax: 04-375 5235

| Invoice No. | Invoice Date | Invoice To | Invoice From | Invoice No. | Invoice Date |
|-------------|--------------|------------|--------------|-------------|--------------|
| 30040001 | 26-01-2020 | 00-00005 | ADP-EN | 1-1-1 | 00-00005 |

| No. | Description | Qty | Unit Price | Total Price | Net Price |
|-----|---|-----|------------|-------------|-----------|
| 1 | Rosewood 10 Meter | 10 | 2,500.00 | 25,000.00 | 25,000.00 |
| 2 | Single Leaf Door 7000 Ser | 6 | 7,000.00 | 42,000.00 | 42,000.00 |
| 3 | Architectural Ironmongery Lock 5000 Ser | 1 | 7,000.00 | 7,000.00 | 7,000.00 |

RINGGIT MALAYSIAN: TWO HUNDRED NINETY NINE THOUSAND FIVE HUNDRED ONLY

Total Amount Due: 299,000.00

Invoice Date: 26-01-2020

Invoice No: 30040001

Invoice From: Msi Housing (Langkat) Sdn. Bhd.

Invoice To: Msi Housing (Langkat) Sdn. Bhd.

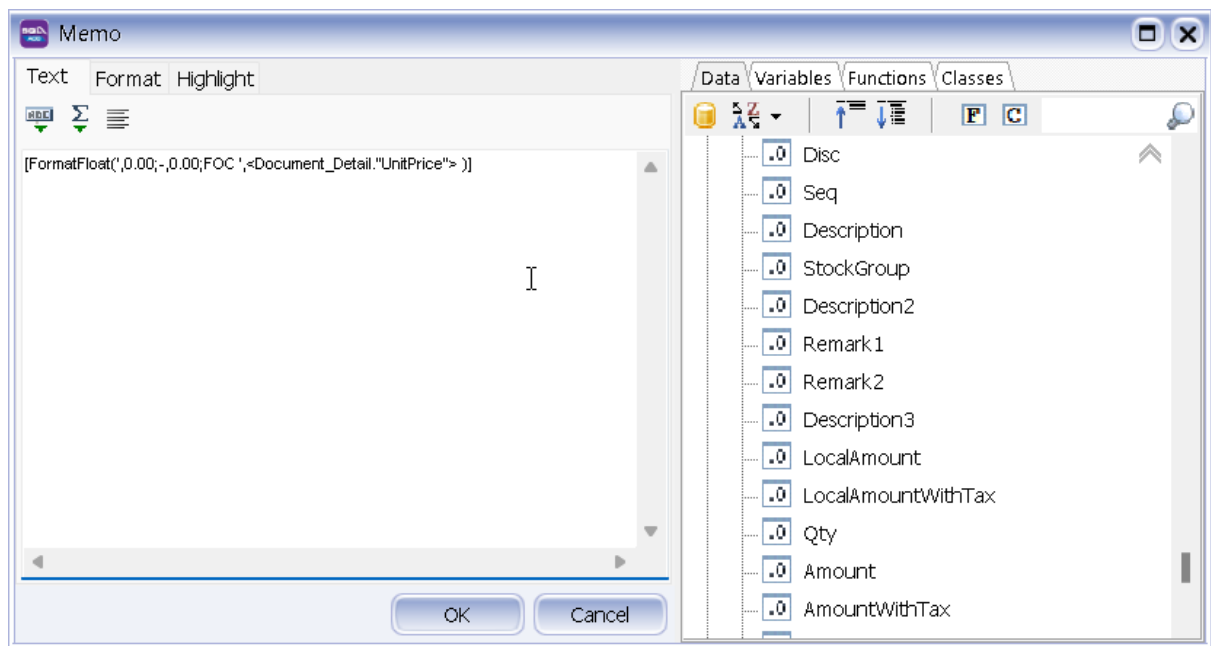
Page 1 of 1 06.07.2021 17:32:52 Sales Invoice 8 (SST 1) - watermark

Frequently Ask Question(FAQ)

1. Unit price is 0, display as FOC

In Memo, enter following syntax :

```
[FormatFloat(',0.00;- ,0.00;FOC ',<Document_Detail."UnitPrice"> )]
```



2. Document Currency Description Cents change to Sens

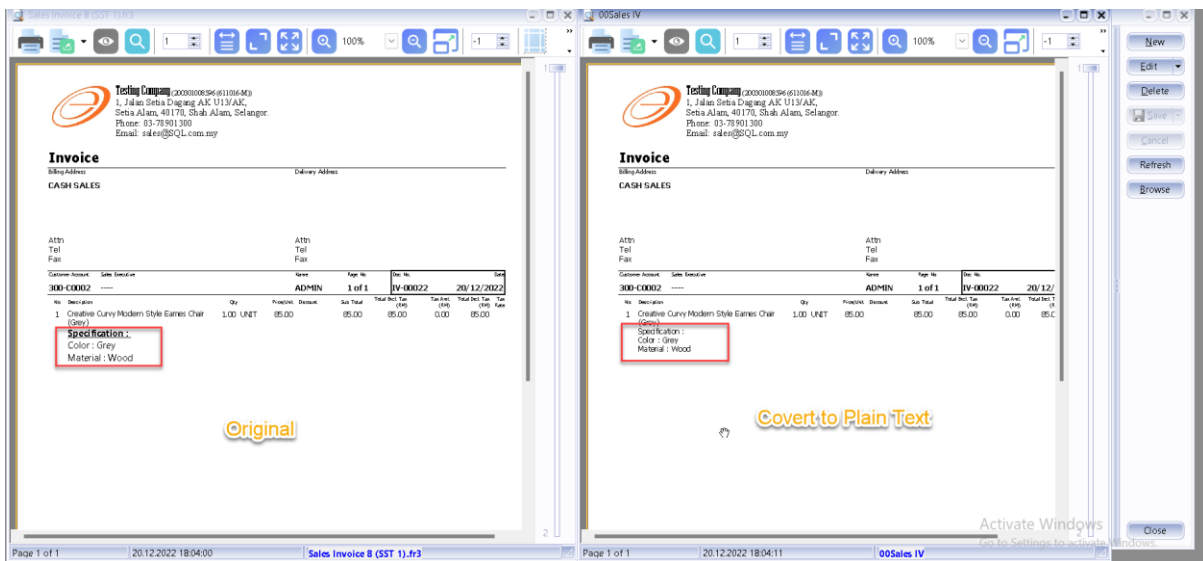
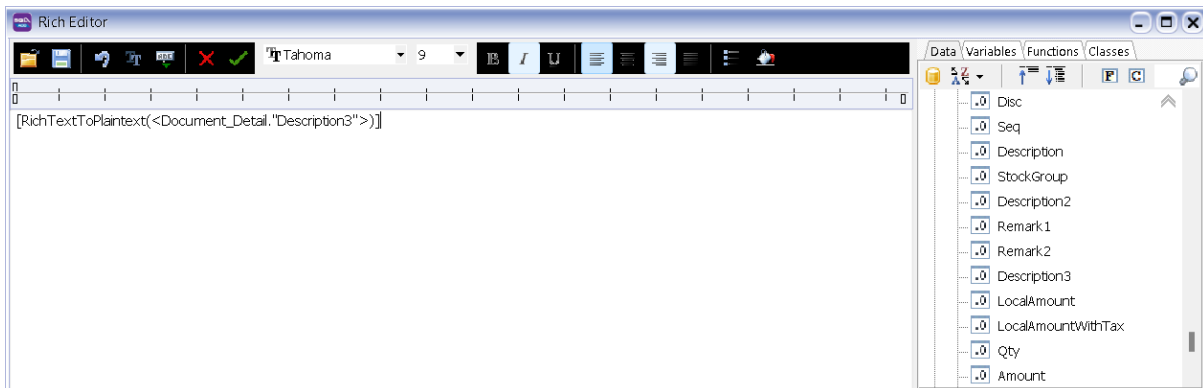
```
[Document_Currency."Description"] : [StringReplace(CurrencyToLangWord(<Main."DocAmt">, <Profile."CurrencyLang">), 'CENTS', 'SENS', TRUE)]
```



3. More Description convert RichTextToPlainText

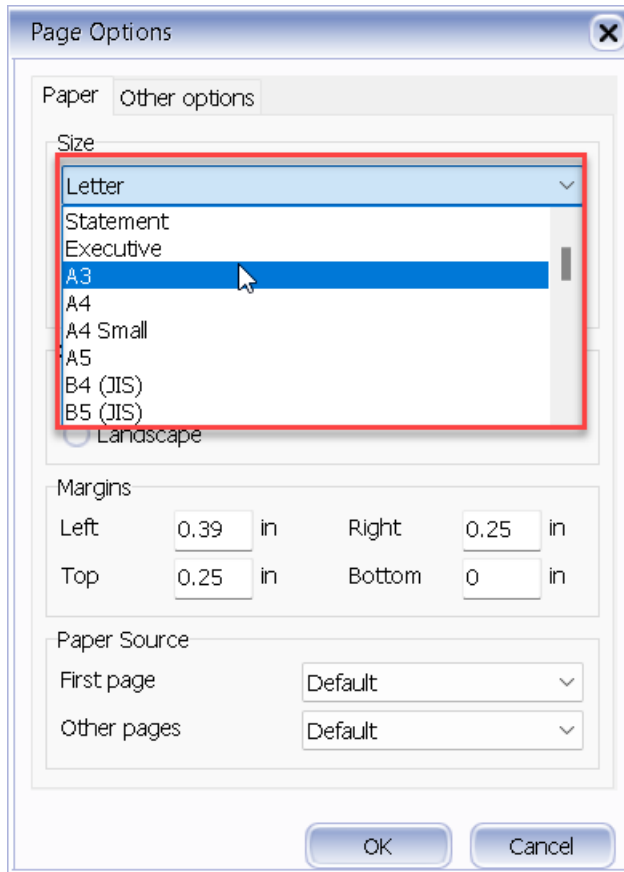
Syntax :

[RichTextToPlainText(<Document_Detail."Description3">)]



4. How to change report paper size?

File -> Page Setting ->



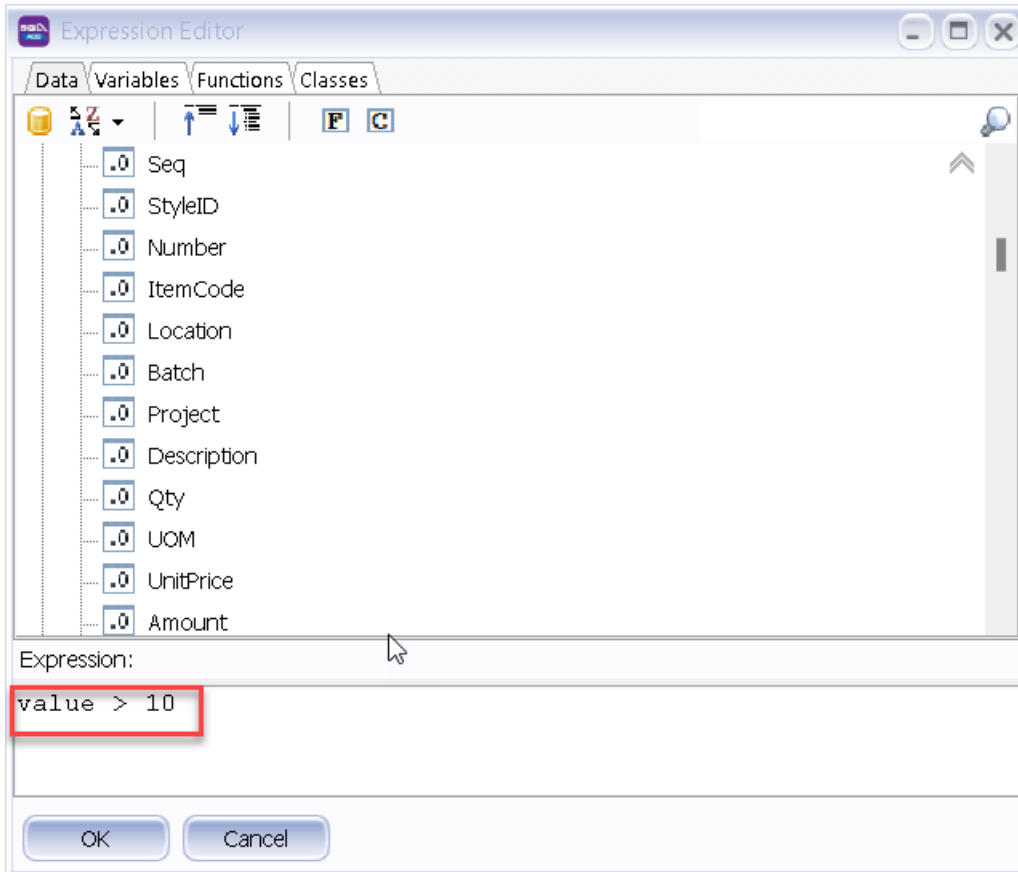
5. if Qty > 10 , text color in red and in bold?

5.1 Double Click on Memo

5.2 Click on **Highlight Tab**

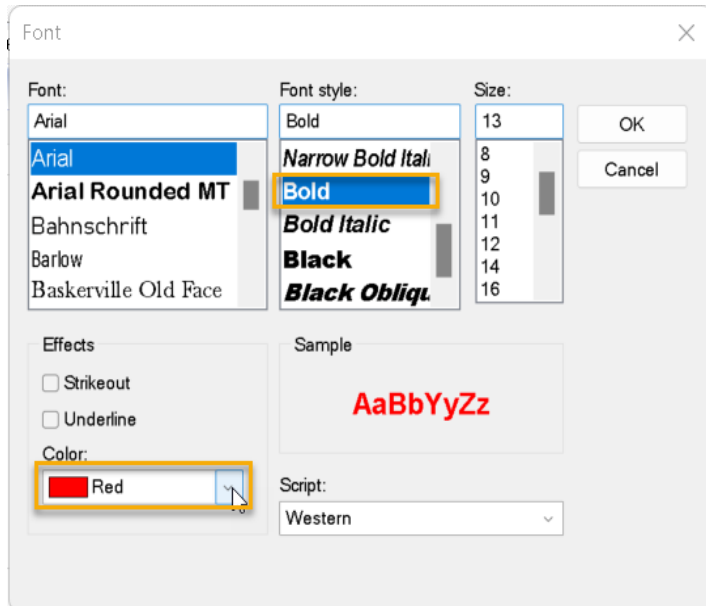
5.3 Click on **Add Button**

5.4 Expression value > 10



5.5 Click on Font

Can set for Font Type, Font Style, Size, Color or Effects



5.6 Press **OK**

5.7 Right Click on Memo, **Ticked Allow Expression**

Result :



Testing Company (200801008396 (611016-M))
1, Jalan Setia Dagang AK U13/AK,
Setia Alam, 40170, Shah Alam, Selangor.
Phone: 03-78901300
Email: sales@SQL.com.my

Invoice

Billing Address

Delivery Address

CASH SALES

Attn
Tel
Fax

Attn
Tel
Fax

| Customer Account | Sales Executive | Name | Page No | Doc. No. | Date |
|------------------|-----------------|-------|---------|----------|------------|
| 300-C0002 | ---- | ADMIN | 1 of 1 | IV-00022 | 20/12/2022 |

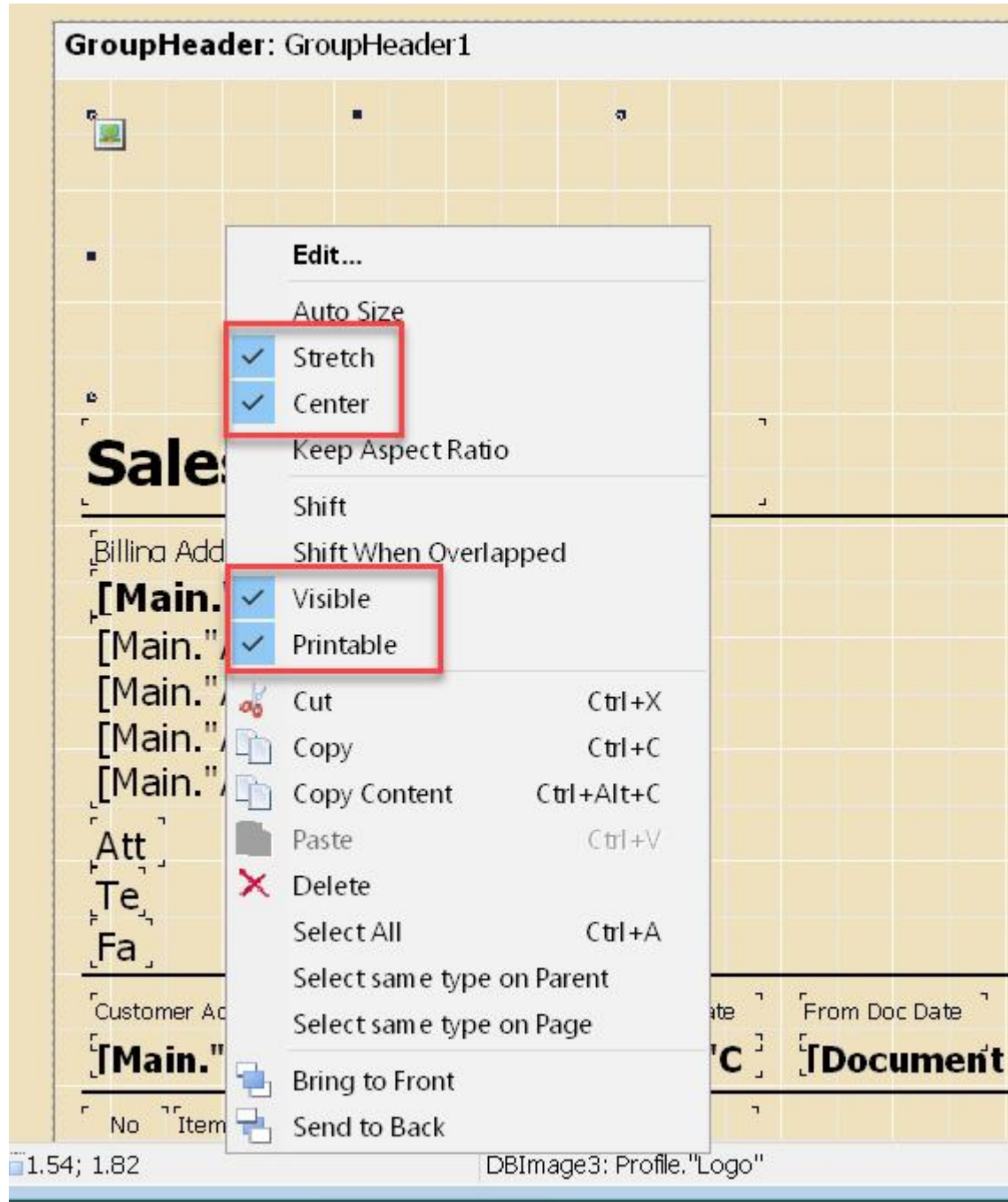
| No | Description | Qty | Price/Unit | Discount | Sub Total | Total Excl. Tax (RM) | Tax Amt (RM) | Total Incl. Tax (RM) /Rate |
|----|--|-------|------------|----------|-----------|----------------------|--------------|----------------------------|
| 1 | Creative Curvy Modern Style Eames Chair (Grey) Specification : Color : Grey Material : Wood | 12.00 | 85.00 | | 1,020.00 | 1,020.00 | 0.00 | 1,020.00 |
| 2 | Premium Fabric 3 Seater Sofa | 2.00 | 1,500.00 | | 3,000.00 | 3,000.00 | 0.00 | 3,000.00 |

6. Why in Report I have place at the position I want, but when preview it will show at bottom?

- Right click on Memo, **unticked Shift** and **Unticked Shift when Overlapped**

7. Export to PDF Logo is blur

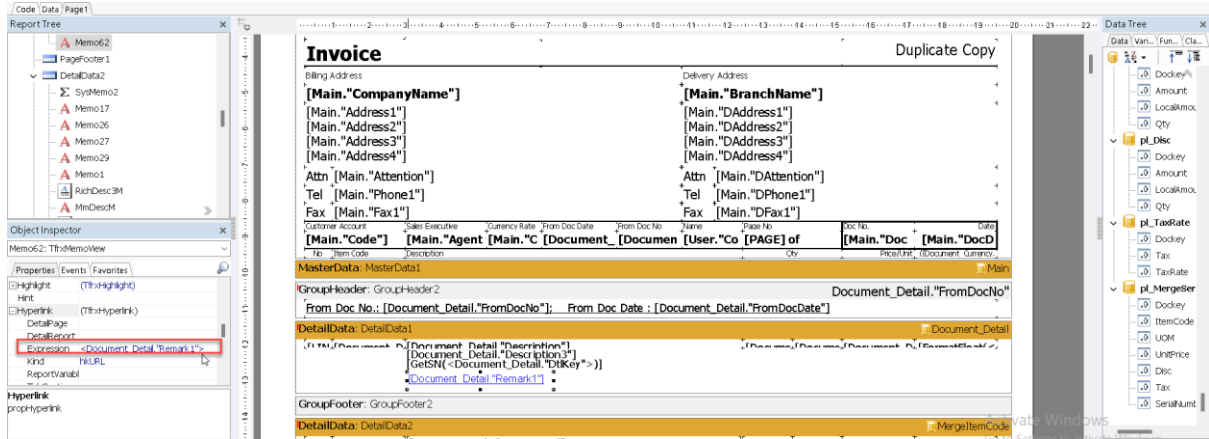
Solution :



8. How to capture remark1 as url path?

In Memo properties :

Hyperlink Expression added in the Data Field Name



The screenshot shows the Fast Report software interface. The main window displays an invoice report titled "Invoice Duplicate Copy". The report contains fields for Billing Address and Delivery Address, both using expressions like [Main."CompanyName"], [Main."Address1"], etc. The Object Inspector on the left shows the "Hyperlink" property for a data field, with the "Expression" property set to "<Document_Detail.'Remark1'>". The Data Tree on the right shows the report structure, including fields like Dockey, Amount, LocalAmou, Qty, and various tax rates.

Result :



Fast Report Basic Guide



Testing Company (200301008596 (611016-M))
 1, Jalan Setia Dagang AK U13/AK,
 Setia Alam, 40170, Shah Alam, Selangor.
 Phone: 03-78901300
 Email: sales@SQL.com.my

Invoice

| | |
|--|--|
| Billing Address | Delivery Address |
| THAI TEA TRADING | |
| No 45, Jalan Batu Tiga Klang, 42000, Pelabuhan Klang, Selangor. | No 45, Jalan Batu Tiga Klang, 42000, Pelabuhan Klang, Selangor. |

Attn Mr. Leonard
 Tel 03-3816 1027
 Fax

Attn Mr. Leonard
 Tel 03-3816 1027
 Fax

| | | | | | |
|---------------------------------------|---------------------------------|-----------------------|---------------------------|------------------------------|----------------------------|
| Customer Account: 300-T0001 | Sales Executive: Yuki | Name: ADMIN | Page No: 1 of 1 | Doc. No.: IV-00001 | Date: 11/06/2022 |
|---------------------------------------|---------------------------------|-----------------------|---------------------------|------------------------------|----------------------------|

| No | Item Code | Description | Qty | UNIT | Price/Unit | Sub Total (RM) |
|----|-----------|--|-------|------|------------|----------------|
| 1 | RFC/Blue | Ultra Soft Fluffy Rug Rectangle Carpet (Blue) | 10.00 | UNIT | 40.00 | 400.00 |
| | | www.sql.com.my | | | | |
| 2 | RFC/Green | Ultra Soft Fluffy Rug Rectangle Carpet (Green) | 10.00 | UNIT | 40.00 | 400.00 |

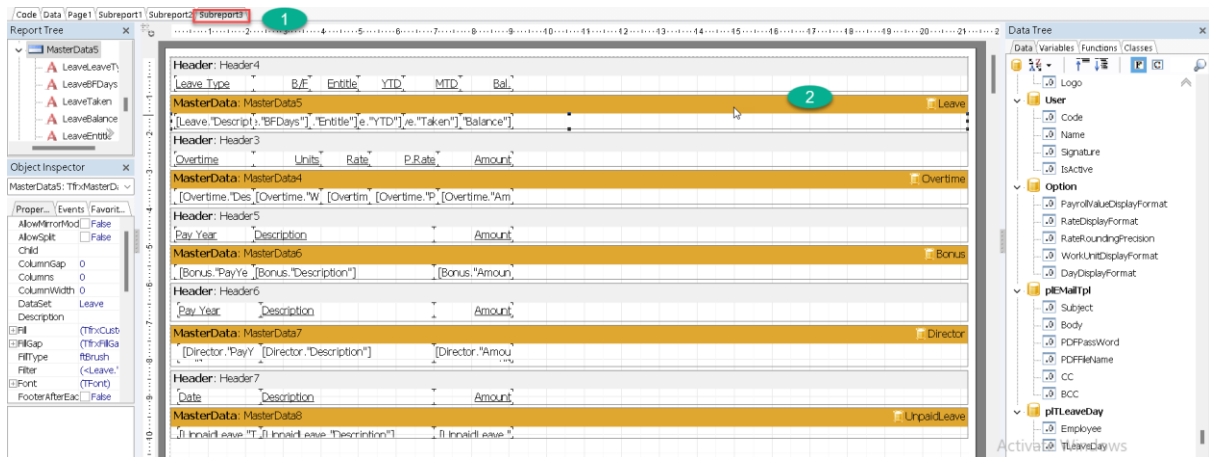
Click will auto link to this website

| | | |
|---------------------------------------|------------|--------|
| RINGGIT MALAYSIA : EIGHT HUNDRED ONLY | Gross | 800.00 |
| | - Discount | 0.00 |

9. Payslip to show AL or MC Only

Step 1 : Click on SubReport3

Step 2 : Right click on **Leave MasterData Band**



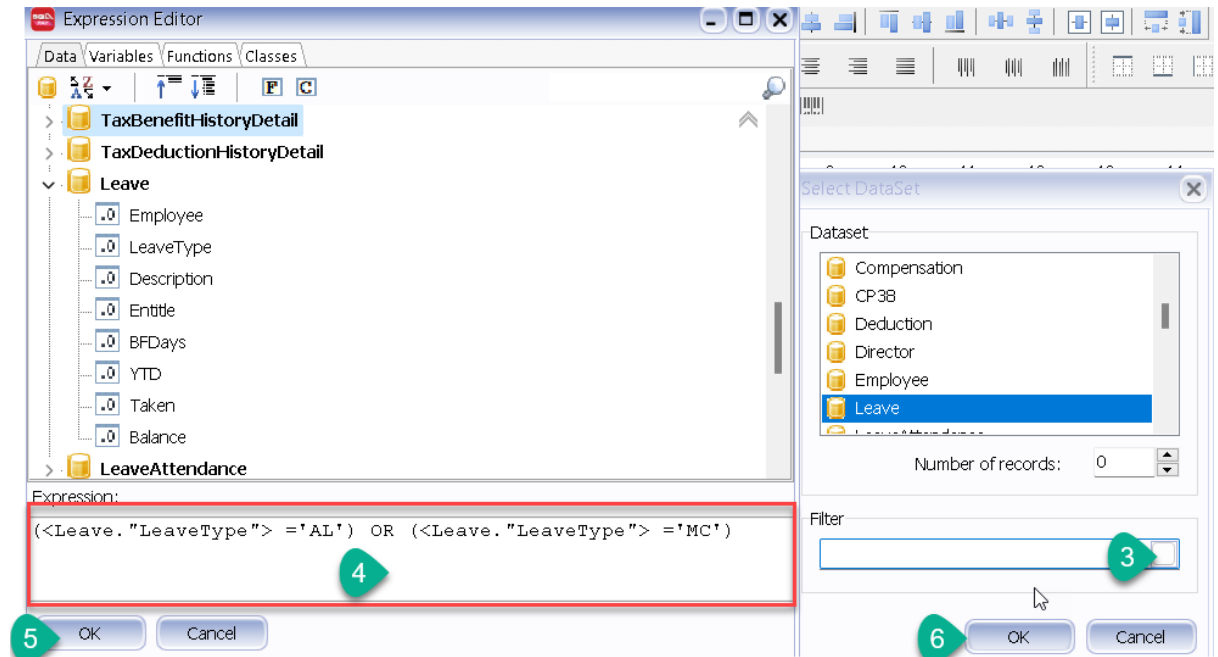
Step 3 : Click on Filter button

Step 4 : Enter the expression :

(<Leave."LeaveType"> ='AL') OR (<Leave."LeaveType"> ='MC')

Step 5 : Press OK

Step 6 : Press OK



10. How to get Net Unit Price

Step 1 : Click on **Memo Text**

Step 2 : Place on **Document Detail Band**

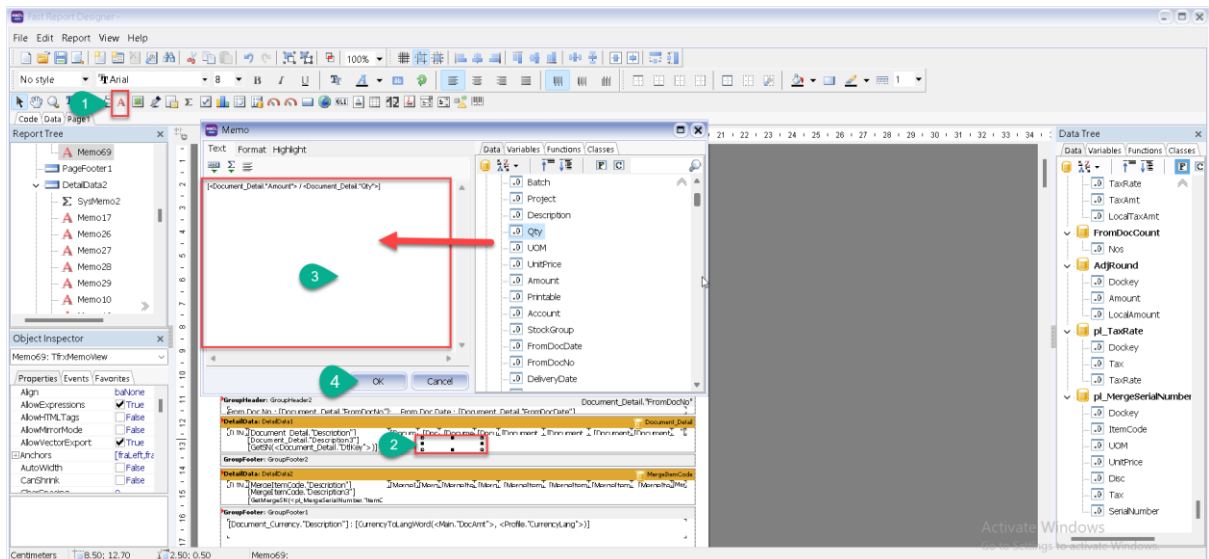
Step 3 : Drag data field from right to left box :

[<Document_Detail."Amount"> / <Document_Detail."Qty">]

Step 4 : Press OK

Step 5 : Adjust the position

Step 6 : Preview and see the result

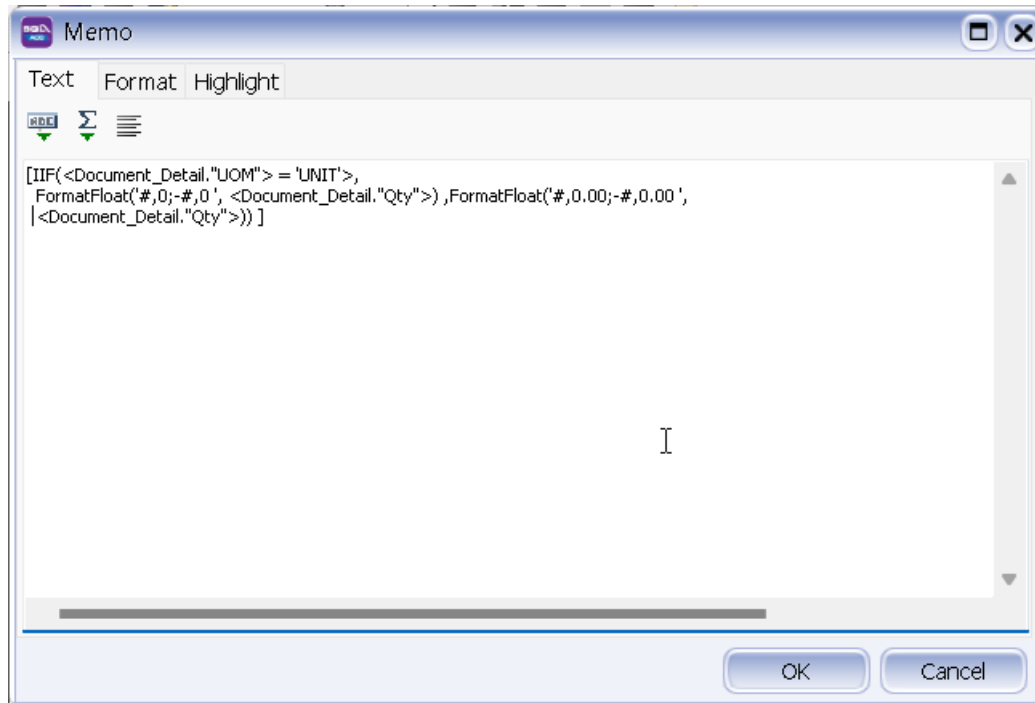


11. UOM = UNIT, Qty display without Decimal Point, else with 2 Decimal Point.

Step 1 : Click On **Memo Text**

Step 2 : Copy the below syntax and Paste into Memo:

```
[IIF(<Document_Detail."UOM"> = 'UNIT',  
FormatFloat('#,0;-#,0 ', <Document_Detail."Qty"> ),  
FormatFloat('#,0.00;-#,0.00 ', <Document_Detail."Qty">))]
```



Step 4 : Press OK

Step 5 : Result After Preview



Testing Company (200301008596 (611016-M))
1, Jalan Setia Dagang AK U13/AK,
Setia Alam, 40170, Shah Alam, Selangor.
Phone: 03-78901300
Email: sales@SQL.com.my


Invoice

| Billing Address | | Delivery Address | |
|---|--|--|--|
| A HOME FURNISHING & SERVICE Lot 98, Jalan Mentari Kuah, 50480 KL | | Lot 98, Jalan Mentari Kuah, 50480 KL | |
| Attn Mr. Delta Tel 04-976 5235 Fax | | Attn Mr. Delta Tel 04-976 5235 Fax | |

| Customer Account | Sales Executive | Name | Page No | Doc. No. | Date | | | | |
|------------------|--|-------|------------|----------|------------|----------------------|--------------|----------------------|----------|
| 300-A0001 | Yuki | ADMIN | 1 of 1 | IV-00026 | 10/09/2023 | | | | |
| No | Description | Qty | Price/Unit | Discount | Sub Total | Total Excl. Tax (RM) | Tax Amt (RM) | Total Incl. Tax (RM) | Tax Rate |
| 1 | Premium PU Leather Ultimate Gaming Chair (Black) | 1 | 700.00 | | 700.00 | 700.00 | 0.00 | 700.00 | |
| 2 | Premium PU Leather Ultimate Gaming Chair (Black) | 1.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

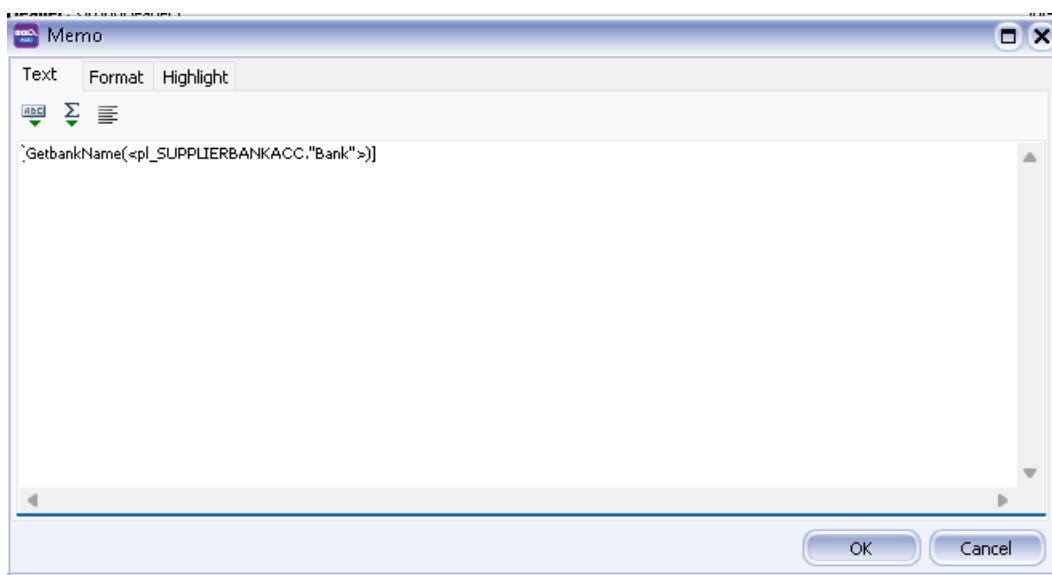


12. How to Get Supplier Bank in Payment Voucher?

Step 1 : Click on Memo 

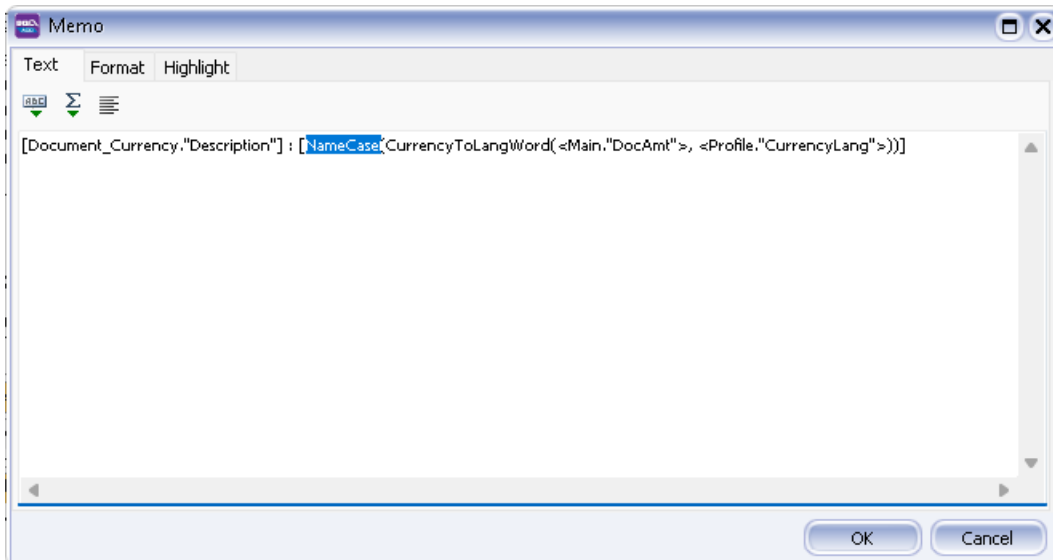
Step 2 : Paste this syntax inside Memo

```
[GetbankName(<pl_SUPPLIERBANKACC."Bank">)]
```



13. How to change the Amount in Word to First Character to Upper Case only?

Can use function NameCase



Before :

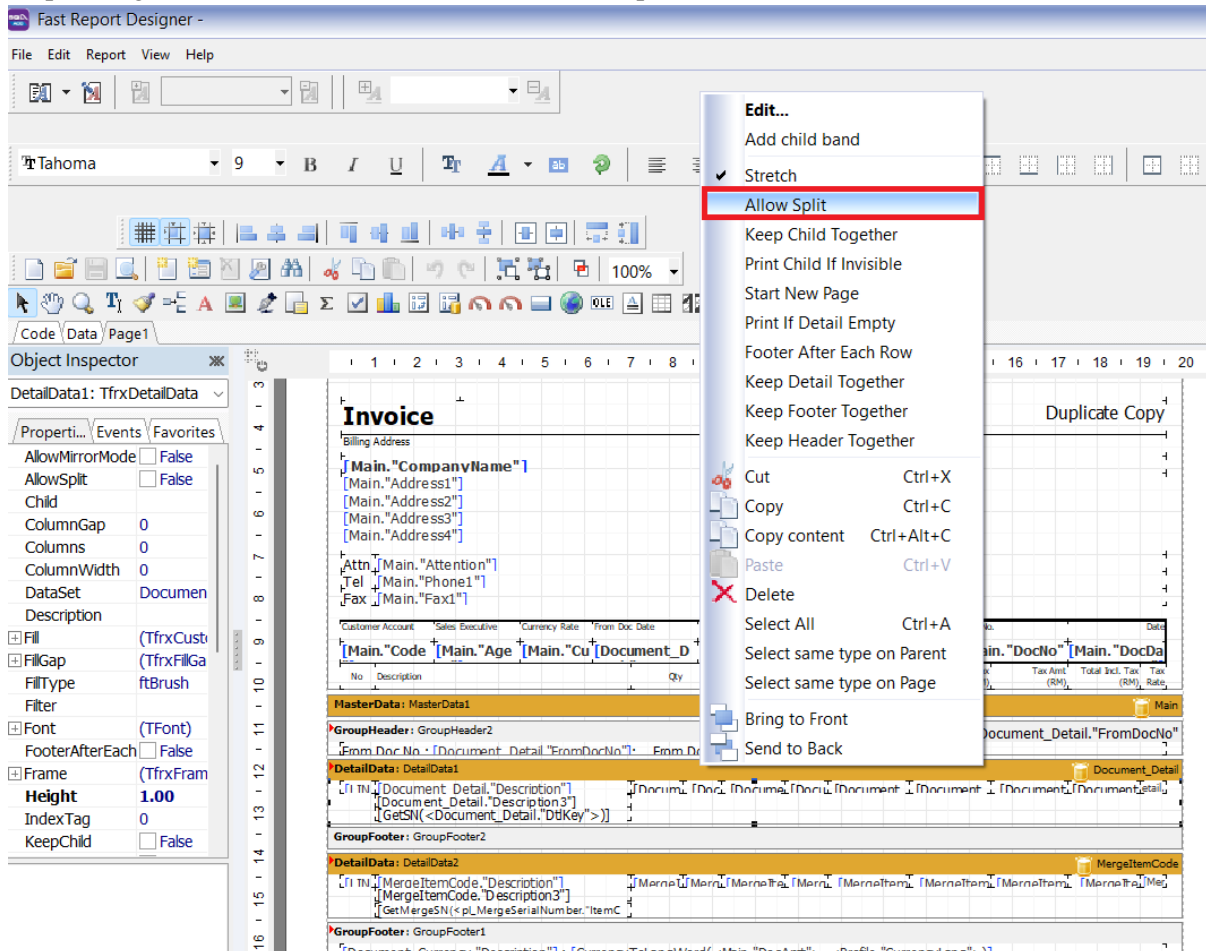
| | | | |
|------------------|------------------|-----------------------------------|---------------|
| Ringgit Malaysia | ONE HUNDRED ONLY | Gross | 100.00 |
| | | - Discount | 0.00 |
| | | Total Exd. Tax | 100.00 |
| | | Tax Amt @ | 0.00 |
| | | Rounding Adjustment | 0.00 |
| | | Total Payable Incl. Tax | 100.00 |
| Payment Terms | Ref 1 | | |
| 45 Days | 22222 | | |
| | | Authorised Signature | |
| | | Testing Company - Current Use () | |

After :

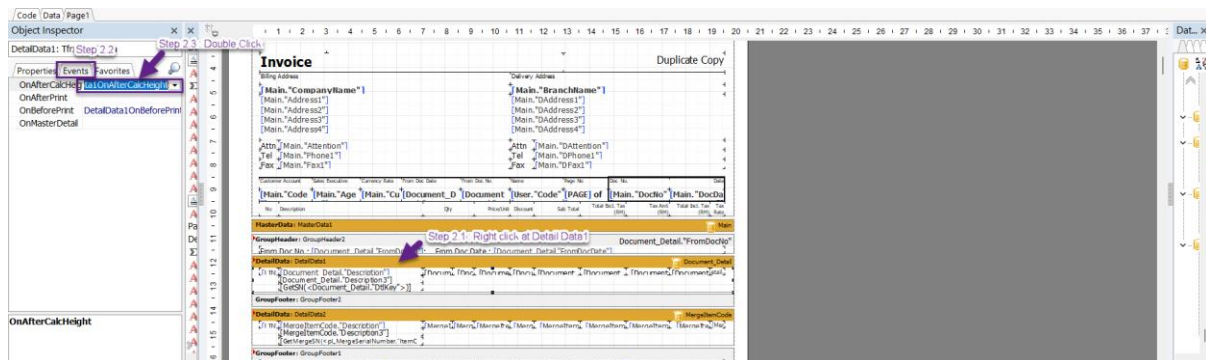
| | | | | | |
|--------------------|------------------|------------------|--------|-----------------------------------|--------|
| Ringgit Malaysia : | One Hundred Only | | | | |
| | | Total Amount Due | 100.00 | 100.00 | 0.00 |
| | | | | | 100.00 |
| Payment Terms | Ref 1 | Tax Amount (RM) | | Total Payable (RM) | |
| 45 Days | 22222 | 0.00 | | 100.00 | |
| | | | | Authorised Signature | |
| | | | | Testing Company - Current Use () | |

14. Long More Description cause report first page is Empty

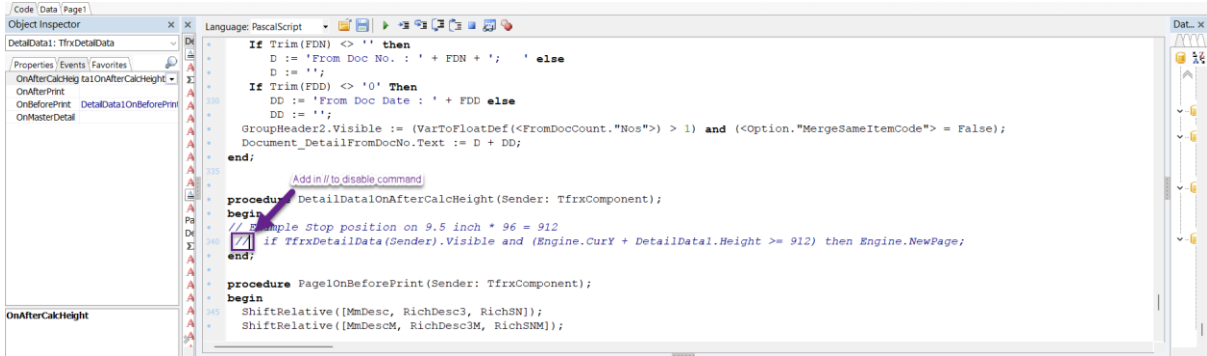
Step 1 : Right click at Detail Data1 > Ticked Allow Split



Step 2 : Click on DetailData1 > Properties > Event Tab > Double Click on OnAfterCalcHeight



Added // in front of if statement



```

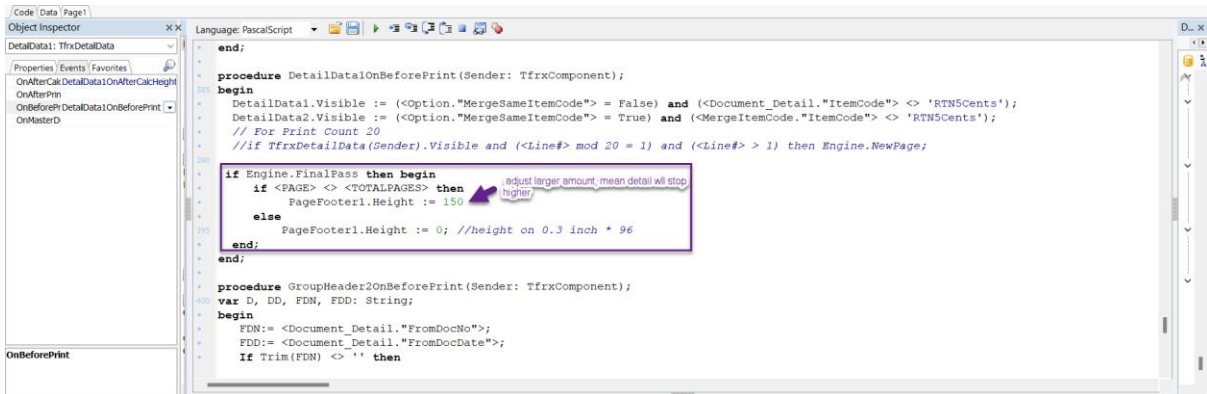
If Trim(FDN) <> '' then
  D := 'From Doc No. : ' + FDN + ' ; ' else
  D := '';
If Trim(FDD) <> '0' Then
  DD := 'From Doc Date : ' + FDD else
  DD := '';
GroupHeader2.Visible := (VarToFloatDef(<FromDocCount."Nos">) > 1) and (<Option."MergeSameItemCode"> = False);
Document_DetailFromDocNo.Text := D + DD;
end;

procedure DetailData1OnAfterCalcHeight(Sender: TfrxComponent);
begin
  // Example Stop position on 9.5 inch * 96 = 912
  if TfrxDetailData(Sender).Visible and (Engine.CurY + DetailData1.Height >= 912) then Engine.NewPage;
end;

procedure Page1OnBeforePrint(Sender: TfrxComponent);
begin
  ShiftRelative([MmDesc, RichDesc3, RichSN]);
  ShiftRelative([MmDescM, RichDesc3M, RichSNM]);
end;
  
```

Step 3 : Set Stop Position

Click on DetailData1 > Double Click on Page1OnbeforePrint



```

end;

procedure DetailData1OnBeforePrint(Sender: TfrxComponent);
begin
  DetailData1.Visible := (<Option."MergeSameItemCode"> = False) and (<Document_Detail."ItemCode"> <> 'RTN5Cents');
  DetailData2.Visible := (<Option."MergeSameItemCode"> = True) and (<MergeItemCode."ItemCode"> <> 'RTN5Cents');
  // For Print Count 20
  //if TfrxDetailData(Sender).Visible and (<Line#> mod 20 = 1) and (<Line#> > 1) then Engine.NewPage;
end;

if Engine.FinalPass then begin
  if <PAGE> <> <TOTALPAGES> then
    PageFooter1.Height := 150;
  else
    PageFooter1.Height := 0; //height on 0.3 inch * 96
end;

procedure GroupHeader2OnBeforePrint(Sender: TfrxComponent);
var D, DD, FDN, FDD: String;
begin
  FDN:= <Document_Detail."FromDocNo">;
  FDD:= <Document_Detail."FromDocDate">;
  If Trim(FDN) <> '' then
  
```

Add below Code inside procedure DetailData1OnBeforePrint(Sender: TfrxComponent);

if Engine.FinalPass then begin

if <PAGE> <> <TOTALPAGES> then

PageFooter1.Height := 150

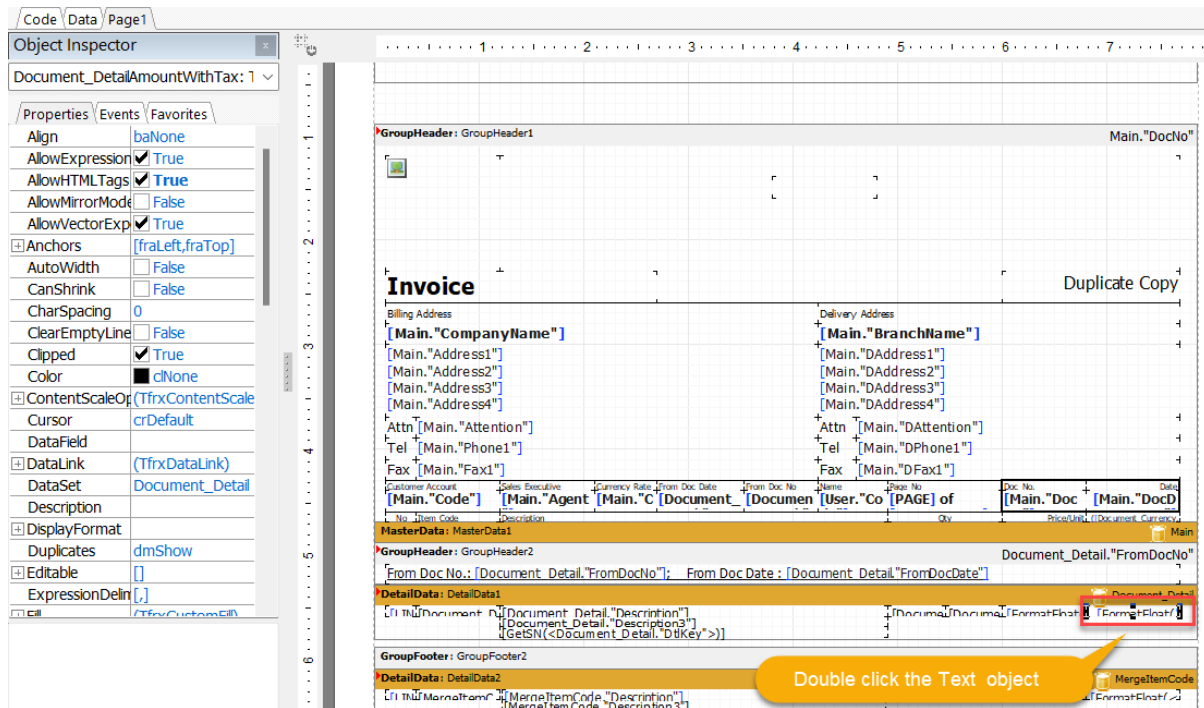
else

PageFooter1.Height := 0; //height on 0.3 inch * 96

end;

15. How do I format negative values to display in parentheses () instead of a dash(-)

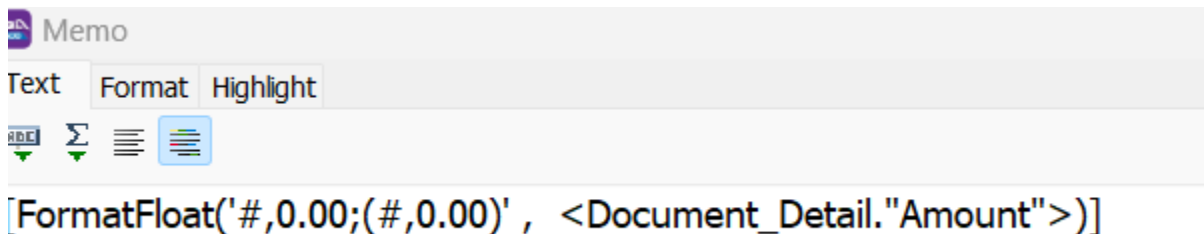
Step 1 : Double click on the Text Object



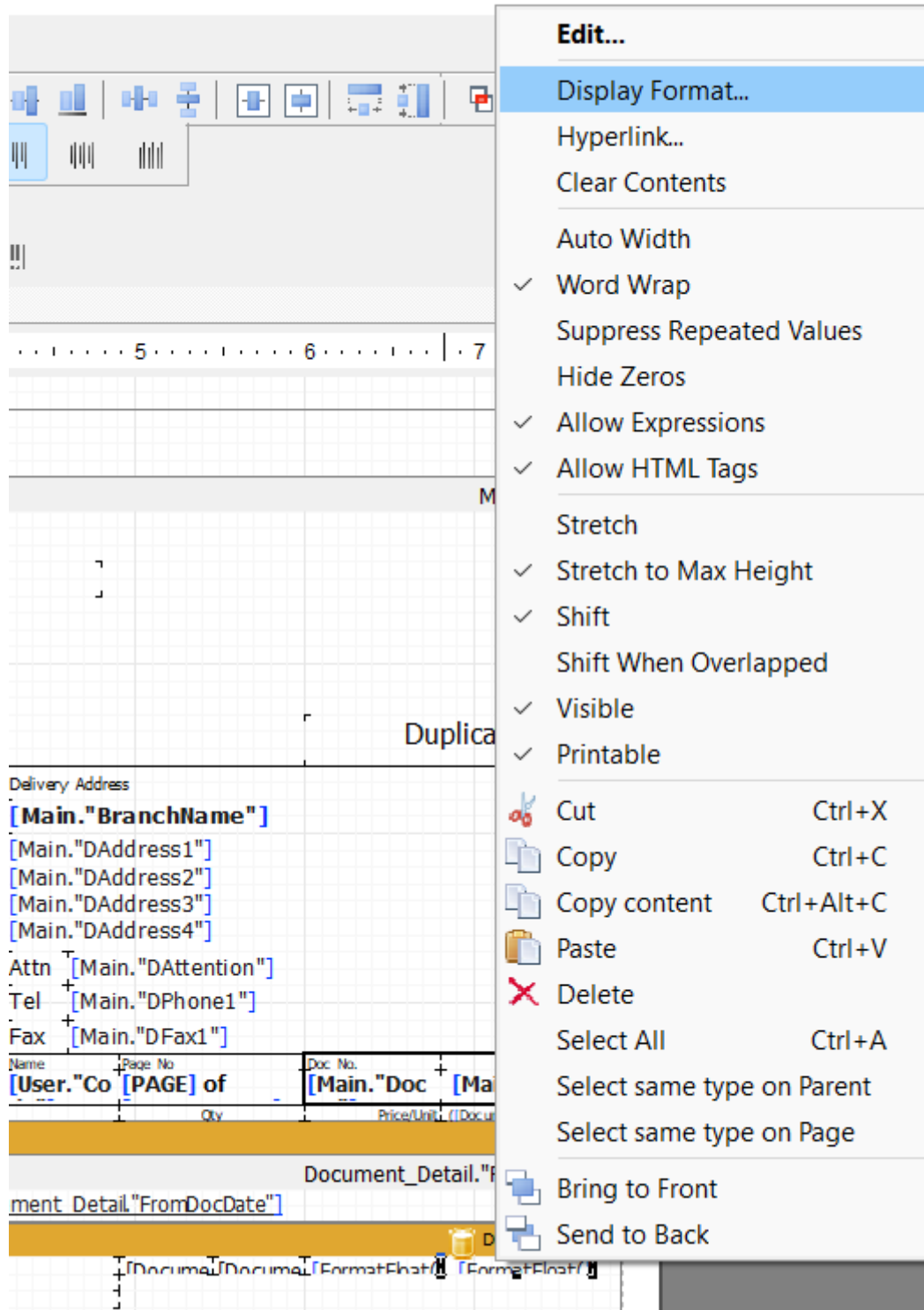
Step 2 : place the Syntax as below > Press OK

Sample syntax : [FormatFloat(DisplayFormat, ReportFieldName)]

[FormatFloat('#,0.00;(#,0.00)', <Document_Detail."Amount">)]



3. Select Display Format



4. Set the Display Format to Text(No Formatting) > Press OK



5. Make sure got ticked Allow Expression

