chart.xls

What it does
This worksheet contains a macro which changes the chart to one of seven different chart types so you can see w

If you're teaching yourself Visual Basic for Applications you'll find the macro uses these features:

- a select case statement to choose the type of chart to display
- a MOD calculation to cycle around all seven options
- a static variable which maintains its value between procedure calls
- error handling and an early exit routine

How to use it
1   Test the macro by choosing the sheet "Chart change" Click the chart to select it and then click the button to

2   To use this macro on a worksheet of your choosing you can add it to your Personal.xls file.

a   Choose Tools, Macro, Macros. From the Macros In area select This Workbook, select the macro changech
(the code looks like this):

```
Sub changechart()
Static typenumber
On Error GoTo notselected
ChartType = typenumber Mod 7
Select Case ChartType
   Case 0
      ActiveChart.Type = xlBar
   Case 1
      ActiveChart.Type = xl3DBar
   Case 2
      ActiveChart.Type = xlColumn
   Case 3
      ActiveChart.Type = xl3DColumn
   Case 4
      ActiveChart.Type = xlArea
   Case 5
      ActiveChart.Type = xlLine
   Case 6
      ActiveChart.Type = xl3DArea
End Select
typenumber = typenumber + 1
Exit Sub
notselected:
MsgBox "The macro won't run if you don't select a chart first!"
End Sub
```

b   Still in the Visual Basic Editor, from the Project area on the left of the screen, locate Personal.xls and doubl
right window and place your cursor at the bottom of the list of macros there and choose Paste.

c   Choose File, Close and return to Microsoft Excel.

3   To add the macro as a button to your toolbar:

a   Right click the toolbar and choose Customize. Choose the Commands tab and, from the Categories list cho
toolbar.

b   Right click the button and choose Assign macro. From the Macros in list choose Personal.xls and locate the

3   Right click the button and choose Assign macro. From the Macros in list choose Personal.xls and locate the
close.

4   Save and close your worksheet.

/hich displays your data in the best format.
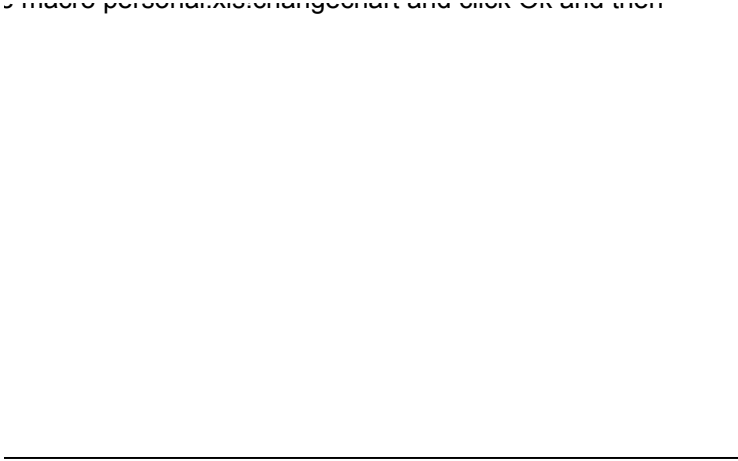
cycle around the seven chart options.

art and click Edit. Highlight the macro code and choose copy

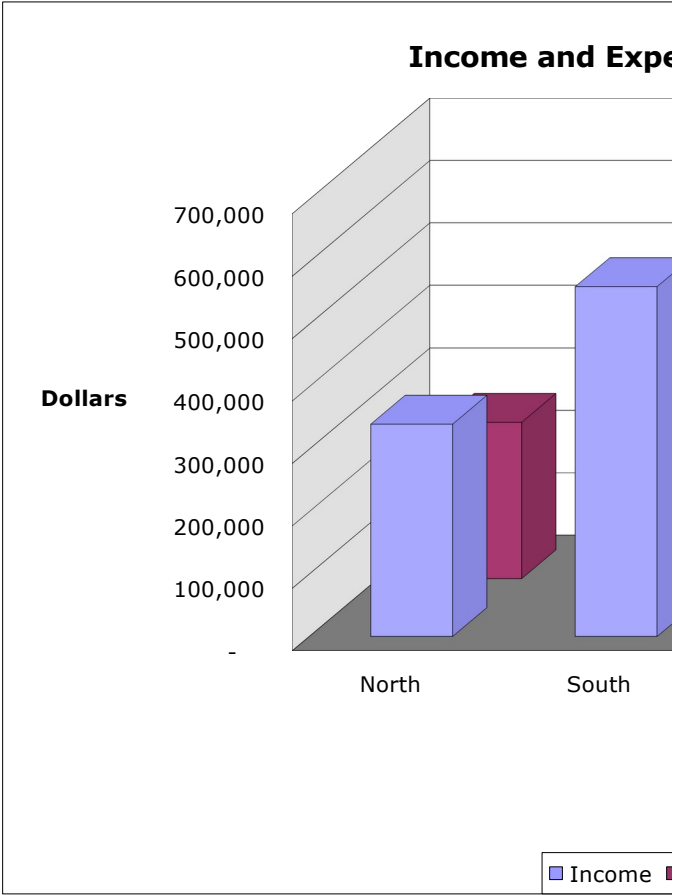e click any of the modules which appear under it. Click in the

)ose Macros. Click and drag the Custom Button icon onto the

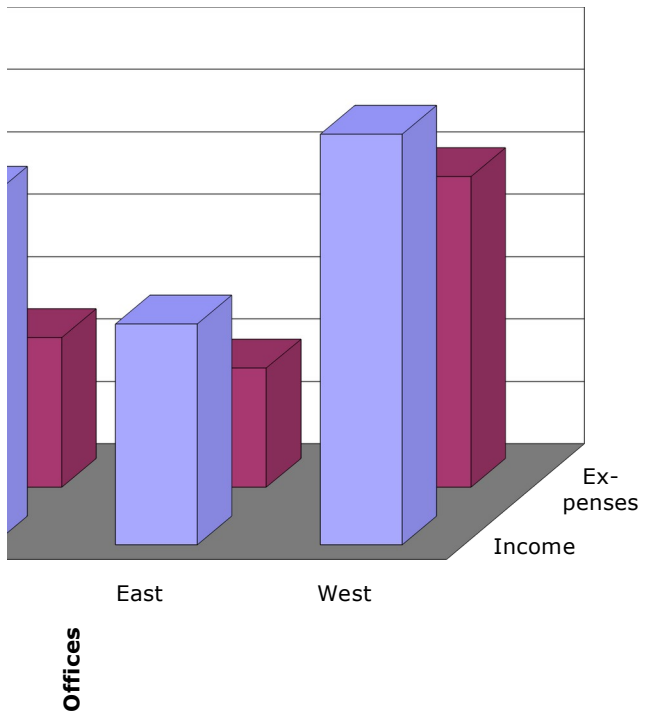a macro personal.xls!changechart and click Ok and then

macro personal.xls.changechart and click OK and then

Office	Income	Expenses
North	340,000	250,000
South	560,250	240,025
East	354,000	190,500
West	658,000	498,000

Income and Expe

Dollars

700,000

600,000

500,000

400,000

300,000

200,000

100,000

-

North   South

☐ Income

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Ex-
penses

Income

East   West

Offices

Expenses