

Option Explicit

Sub UserInputs()

'Turn off screen updating

Application.ScreenUpdating = False

'Define user inputs

Dim SalaryGrowth As Double

Dim InsuranceCosts As Double

Dim LivingExpenses As Double

Dim OtherExpenses As Double

Dim IncomeTaxRate As Double

Dim InterestSavings As Double

SalaryGrowth = Worksheets("Inputs").Range("H5").Value

InsuranceCosts = Worksheets("Inputs").Range("H6").Value

LivingExpenses = Worksheets("Inputs").Range("H7").Value

OtherExpenses = Worksheets("Inputs").Range("H8").Value

IncomeTaxRate = Worksheets("Inputs").Range("H9").Value

InterestSavings = Worksheets("Inputs").Range("H10").Value

'Delete Old Savings Chart

Rows("14:30").Select

Selection.Delete Shift:=xlUp

Range("A1").Select

'Put user inputs into the Model

Worksheets("Model").Activate

Range("N31").Value = SalaryGrowth

Range("M34").Value = InsuranceCosts

Range("M35").Value = LivingExpenses

Range("M37").Value = OtherExpenses

Range("M38").Value = IncomeTaxRate

Range("M39").Value = InterestSavings

'Store the Personal Savings Account Balance at age 65

Dim SavingsAcctBal As Double

SavingsAcctBal = Worksheets("Model").Range("AY26").Value

'Create Line Chart of Personal Savings Account balance (use macro recorder)

```
ActiveSheet.Shapes.AddChart2(227, xlLine).Select
ActiveChart.SetSourceData Source:=Range("Model!$G$1:$AY$4")
ActiveChart.FullSeriesCollection(1).Delete
ActiveChart.FullSeriesCollection(1).Delete
ActiveChart.FullSeriesCollection(1).Delete
ActiveChart.FullSeriesCollection(1).Delete
ActiveChart.SeriesCollection.NewSeries
ActiveChart.FullSeriesCollection(1).Name = """"Savings""""
ActiveChart.FullSeriesCollection(1).Values = "=Model!$H$26:$AY$26"
ActiveChart.FullSeriesCollection(1).XValues = "=Model!$H$3:$AY$3"
ActiveWindow.ScrollColumn = 40
ActiveWindow.ScrollColumn = 39
ActiveWindow.ScrollColumn = 38
ActiveWindow.ScrollColumn = 37
ActiveWindow.ScrollColumn = 36
ActiveWindow.ScrollColumn = 35
ActiveWindow.ScrollColumn = 34
ActiveWindow.ScrollColumn = 33
ActiveWindow.ScrollColumn = 32
ActiveWindow.ScrollColumn = 31
ActiveWindow.ScrollColumn = 30
ActiveWindow.ScrollColumn = 29
ActiveWindow.ScrollColumn = 28
ActiveWindow.ScrollColumn = 27
ActiveWindow.ScrollColumn = 26
ActiveWindow.ScrollColumn = 25
ActiveWindow.ScrollColumn = 24
ActiveWindow.ScrollColumn = 23
ActiveWindow.ScrollColumn = 22
ActiveWindow.ScrollColumn = 21
ActiveWindow.ScrollColumn = 20
ActiveWindow.ScrollColumn = 19
ActiveWindow.ScrollColumn = 18
ActiveWindow.ScrollColumn = 17
ActiveWindow.ScrollColumn = 16
ActiveWindow.ScrollColumn = 15
ActiveWindow.ScrollColumn = 14
ActiveWindow.ScrollColumn = 13
ActiveWindow.ScrollColumn = 12
ActiveWindow.ScrollColumn = 11
ActiveWindow.ScrollColumn = 10
ActiveWindow.ScrollColumn = 9
ActiveWindow.ScrollColumn = 8
ActiveWindow.ScrollColumn = 7
```

```
ActiveWindow.ScrollColumn = 6
ActiveWindow.ScrollColumn = 5
ActiveWindow.ScrollColumn = 4
ActiveWindow.ScrollColumn = 3
ActiveWindow.ScrollColumn = 2
ActiveWindow.ScrollColumn = 1
ActiveChart.Parent.Cut
Sheets("Inputs").Select
Range("F15").Select
ActiveSheet.Paste
ActiveWindow.SmallScroll Down:=-15
Range("A1").Select
```

'Put the ending Personal Savings Account balance in the green box on the Inputs tab

```
Worksheets("Inputs").Activate
Range("H12").Value = SavingsAcctBal
```

'To hide sheet tabs, go to File->Options->Advanced->Under Display Options, uncheck Show Sheet tabs

End Sub

Sub ClearUserInputs()

'Turn off screen updating  
Application.ScreenUpdating = False

'Clear user inputs

```
Worksheets("Inputs").Range("H5").Value = 0
Worksheets("Inputs").Range("H6").Value = 0
Worksheets("Inputs").Range("H7").Value = 0
Worksheets("Inputs").Range("H8").Value = 0
Worksheets("Inputs").Range("H9").Value = 0
Worksheets("Inputs").Range("H10").Value = 0
Worksheets("Inputs").Range("H12").Value = 0
```

'Delete Old Savings Chart  
Rows("14:30").Select  
Selection.Delete Shift:=xlUp  
Range("A1").Select

End Sub

Sub GoToModelTab()

Worksheets("Model").Activate  
Range("A1").Select

End Sub

Sub GoToInputsTab()

Worksheets("Inputs").Activate  
Range("A1").Select

End Sub