

```
Private Sub Submit_Click()
```

```
If Beta.Value = "" Or Phi.Value = "" Or PofD = "" Or PortfolioExp = "" Then
```

```
    MsgBox "There should not be any empty boxes. Please enter a value in all boxes"
```

```
Else
```

```
Sheet2.Cells.Clear
```

```
    Range("J2").Select
```

```
    ActiveCell.FormulaR1C1 = "Phi"
```

```
    Range("J3").Select
```

```
    ActiveCell.FormulaR1C1 = "PD"
```

```
    Range("J4").Select
```

```
    ActiveCell.FormulaR1C1 = "Beta"
```

```
    Range("J5").Select
```

```
    ActiveCell.FormulaR1C1 = "PE"
```

```
    Range("K2").Select
```

```
    ActiveCell.FormulaR1C1 = Phi.Value
```

```
    Range("K3").Select
```

```
    ActiveCell.FormulaR1C1 = PofD.Value
```

```
    Range("K4").Select
```

```
    ActiveCell.FormulaR1C1 = Beta.Value
```

```
    Range("K5").Select
```

```
    ActiveCell.FormulaR1C1 = PortfolioExp.Value
```

```
    Range("A1").Select
```

```
    ActiveCell.FormulaR1C1 = "Senarios"
```

```
    Range("B1").Select
```

```
    ActiveCell.FormulaR1C1 = "e"
```

Range("C1").Select

ActiveCell.FormulaR1C1 = "x"

Range("D1").Select

ActiveCell.FormulaR1C1 = "c"

Range("E1").Select

ActiveCell.FormulaR1C1 = "c-b*x/sqrt(1-b^2)"

Range("F1").Select

ActiveCell.FormulaR1C1 = "Prob. Mora"

Range("G1").Select

ActiveCell.FormulaR1C1 = "LGD"

Range("H1").Select

ActiveCell.FormulaR1C1 = "EL"

Range("M2").Select

ActiveCell.FormulaR1C1 = "Percentile"

Range("M3").Select

ActiveCell.FormulaR1C1 = "99%"

Range("M4").Select

ActiveCell.FormulaR1C1 = "99.50%"

Range("M5").Select

ActiveCell.FormulaR1C1 = "99.90%"

Range("O2").Select

ActiveCell.FormulaR1C1 = "ES"

Range("M7").Select

ActiveCell.FormulaR1C1 = "Media Historia"

Range("M8").Select

ActiveCell.FormulaR1C1 = "Captial"

Range("N8").Select

Columns("A:A").ColumnWidth = 10.43

Columns("B:B").ColumnWidth = 10.71

Columns("C:C").ColumnWidth = 11.43

Columns("D:D").ColumnWidth = 11.14

Columns("E:E").ColumnWidth = 19.14

Columns("E:E").ColumnWidth = 16.43

Columns("F:F").ColumnWidth = 12

Range("A1:H1").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Selection.Font.Bold = True

Range("J2:J5").Select

Selection.Font.Bold = True

Range("M2:O2").Select

Selection.Font.Bold = True

Range("M7:M8").Select

Selection.Font.Bold = True

Range("A2").Select

ActiveCell.FormulaR1C1 = "1"

Range("A3").Select

Range("A2").Select

ActiveCell.FormulaR1C1 = "1"

Range("A3").Select

ActiveCell.FormulaR1C1 = "=R[-1]C+1"

Range("A3").Select

Selection.AutoFill Destination:=Range("A3:A11"), Type:=xlFillDefault

Range("A3:A11").Select

Range("B2").Select

ActiveCell.FormulaR1C1 = "=NORMSINV(RAND())"

Range("B2").Select

Selection.AutoFill Destination:=Range("B2:B11"), Type:=xlFillDefault

Range("B2:B11").Select

Range("C2").Select

ActiveCell.FormulaR1C1 = "=RC[-1]"

Range("C3").Select

ActiveCell.FormulaR1C1 = "=R[10]C[-1]*R[-1]C+RC[-1]"

Range("C3").Select

Selection.AutoFill Destination:=Range("C3:C11"), Type:=xlFillDefault

Range("C3:C11").Select

Range("D2").Select

ActiveCell.FormulaR1C1 = "=NORM.INV(R3C11,0,1)"

Range("D2").Select

Selection.AutoFill Destination:=Range("D2:D11"), Type:=xlFillDefault

Range("D2:D11").Select

Range("C3").Select

ActiveCell.FormulaR1C1 = "=R13C2*R[-1]C+RC[-1]"

Range("C3").Select

Selection.AutoFill Destination:=Range("C3:C11"), Type:=xlFillDefault

Range("C3:C11").Select

Range("D3").Select

ActiveCell.FormulaR1C1 = "=NORM.INV(R3C11,0,1)"

Range("D2").Select

ActiveCell.FormulaR1C1 = "=NORM.INV(R3C11,0,1)"

Range("D3").Select

Selection.AutoFill Destination:=Range("D3:D11"), Type:=xlFillDefault

Range("D3:D11").Select

Range("D2").Select

Selection.AutoFill Destination:=Range("D2:D11"), Type:=xlFillDefault

Range("D2:D11").Select

Range("E2").Select

ActiveCell.FormulaR1C1 = "=RC[-1]"

Range("E2").Select

ActiveCell.FormulaR1C1 = "=(RC[-1]-R4C11*RC[-2]/SQRT(1-R4C11^2))"

Range("E2").Select

Selection.AutoFill Destination:=Range("E2:E11"), Type:=xlFillDefault

Range("E2:E11").Select

Range("F2").Select

ActiveCell.FormulaR1C1 = "=NORMDIST(ES,0,1,TRUE)"

Range("F2").Select

ActiveCell.FormulaR1C1 = "=NORMDIST(RC[-1],0,1,TRUE)"

Range("F2").Select

Selection.AutoFill Destination:=Range("F2:F11"), Type:=xlFillDefault

Range("F2:F11").Select

Range("G2").Select

ActiveCell.FormulaR1C1 = _

"=IF(RC[-4]<0,RANDBETWEEN(50,70)/100,RANDBETWEEN(10,30)/100)"

Range("G2").Select

Selection.AutoFill Destination:=Range("G2:G11"), Type:=xlFillDefault

Range("G2:G11").Select

Range("H2").Select

ActiveCell.FormulaR1C1 = "=RC[-2]*RC[-1]*R5C11"

Range("H2").Select

Selection.AutoFill Destination:=Range("H2:H11"), Type:=xlFillDefault

Range("H2:H11").Select

Range("N3").Select

ActiveCell.FormulaR1C1 = "=PERCENTILE(R2C8:R11C8,"">"&RC)"

Range("N3").Select

Selection.ClearContents

ActiveCell.FormulaR1C1 = "=PERCENTILE(R2C8:R11C8,0.99)"

Range("N3").Select

Selection.AutoFill Destination:=Range("N3:N5"), Type:=xlFillDefault

Range("N3:N5").Select

Range("N4").Select

ActiveCell.FormulaR1C1 = "=PERCENTILE(R2C8:R11C8,0.995)"

Range("N5").Select

ActiveCell.FormulaR1C1 = "=PERCENTILE(R2C8:R11C8,0.999)"

Range("O3").Select

ActiveCell.FormulaR1C1 = "=AVERAGEIF(R2C8:R11C8,"">"&RC[-1])"

Range("O3").Select

Selection.AutoFill Destination:=Range("O3:O5"), Type:=xlFillDefault

Range("O3:O5").Select

Range("N7").Select

ActiveCell.FormulaR1C1 = "=AVERAGE(R2C8:R11C8)"

Range("N8").Select

ActiveCell.FormulaR1C1 = "=R[-5]C[1]-R[-1]C"

Range("N8").Select

ActiveCell.FormulaR1C1 = "=R[-5]C[1]-R[-1]C"

Range("N8").Select

Range("K5").Select

Selection.NumberFormat = _

"_([\$€-2] * #,##0.00_);_([\$€-2] * (#,##0.00);_([\$€-2] * ""-""??_);_(@_)"

Selection.Font.Bold = True

End If

End Sub