Option Explicit

Sub stock\_analysis()

'set variables

Dim ws As Worksheet

Dim ticker As String

Dim summary\_table\_Row As Integer

Dim Year\_date As String

Dim vol As Double

Dim last\_row As Long

' Run through each worksheet

Range("I1").Value = "Ticker"

Range("J1").Value = "Yearly Change"

Range("K1").Value = "Percent Change"

Range("L1").Value = "Total Stock Volume"

Range("P1").Value = "Ticker"

Range("Q1").Value = "Value"

Range("O2").Value = "Greatest % Increase"

Range("O3").Value = "Greatest % Decrease"

Range("O4").Value = "Greatest Total Volume"

Range("O5").Value = "Least Total Volume"

'Loop through all the stocks

Dim i As Long

last\_row = ActiveSheet.UsedRange.Rows.Count

vol = 0

For i = 2 To last\_row

If Cells(i + 1, 1).Value <> Cells(i, 1).Value Then

vol = vol + Cells(i, 7).Value

ElseIf Cells(i, 1).Value <> Cells(i + 1, 1).Value Then

vol = stock\_volume + Cells(i, 7).Value

Cells(j, 9).Value = Cells(i, 1).Value

Cells(j, 12).Value = stock\_volume

j = j + 1

stock\_volume = 0

End If

Next i

Dim year\_start, year\_end, Yearly\_Change, Percent\_Change As Double

Dim k As Long

k = 2

For i = 2 To last\_row

If Right(Cells(i, 2), 4) = "0101" Then

year\_start = Cells(1, 3)

ElseIf Right(Cells(i, 2), 4) = "1231" Then

year\_end = Cells(i, 6)

Yearly\_Change = year\_end - year\_start

Percent\_Change = yealy\_change / year\_start

Cells(k, 10).Value = Yearly\_Change

If Cells(k, 10).Value > 0 Then

Cells(k, 10).Interior.ColorIndex = 4

ElseIf Cells(k, 10).Value < 0 Then

Cells(k, 10).Interior.ColorIndex = 3

End If

Cells(k, 11).Value = Percent\_Change

k = k + 1

End If

End Sub

Option Explicit

Sub stock\_analysis()

'set variables

Dim ws As Worksheet

Dim ticker As String

Dim summary\_table\_Row As Integer

Dim Year\_date As String

Dim vol As Double

Dim last\_row As Long

' Run through each worksheet

For Each ws In thisworkbook.Worksheets

ws.Activate

'Determine the header

Range("I1").Value = "Ticker"

Range("J1").Value = "Yearly Change"

Range("K1").Value = "Percent Change"

Range("L1").Value = "vol"

Range("P1").Value = "Ticker"

Range("Q1").Value = "Value"

Range("O2").Value = "Greatest % Increase"

Range("O3").Value = "Greatest % Decrease"

Range("O4").Value = "Greatest Total Volume"

'Loop through all the stocks

Dim i, j As Long

last\_row = ActiveSheet.UsedRange.Rows.Count

vol = 0

For i = 2 To last\_row

If Cells(i + 1, 1).Value = Cells(i, 1).Value Then

vol = vol + Cells(i, 7).Value

ElseIf Cells(i, 1).Value <> Cells(i + 1, 1).Value Then

vol = vol + Cells(i, 7).Value

ticker = Cells(i, 1).Value

Cells(j, 12).Value = vol

j = j + 1

vol = 0

End If

Dim year\_start, year\_end, Yearly\_Change, Percent\_Change As Double

Dim k As Long

k = 2

If Right(Cells(i, 2), 4) = "0101" Then

year\_start = Cells(1, 3)

ElseIf Right(Cells(i, 2), 4) = "1231" Then

year\_end = Cells(i, 6)

Yearly\_Change = year\_end - year\_start

Percent\_Change = Yearly\_Change / year\_start

Cells(k, 10).Value = Yearly\_Change

If Cells(k, 10).Value > 0 Then

Cells(k, 10).Interior.ColorIndex = 4

ElseIf Cells(k, 10).Value < 0 Then

Cells(k, 10).Interior.ColorIndex = 3

End If

For k = 2 To last\_row

Cells(k, 11).Value = Percent\_Change

k = k + 1

Next k

End If

'Insert value in summary

Dim summary\_table As Long

Cells(2, 9).Value = ticker

Cells(2, 10).Value = Yearly\_Change

Cells(2, 11).Value = Percent\_Change

Cells(2, 12).Value = vol

Range("K1").EntireColumn.NumberFormat = "0.00%"

Next i

Next ws

End Sub