Sub Stock\_Analysis()

For Each ws In ThisWorkbook.Worksheets

ws.Activate

'Defining related variables'

Dim LastRow As Long

Dim Ticker As String

Dim YearOpen As Double

Dim YearClose As Double

Dim YearlyChange As Double

Dim PercentChange As Double

Dim TotalVolume As Double

Dim MaxIncrease As Double

Dim MaxDecrease As Double

Dim MaxVolume As Double

Dim LastTickerRow As Long

Dim SummaryRow As Long

'Setting value to initial variables'

YearOpen = Cells(2, 3).Value

TotalVolume = 0

SummaryRow = 2

'Find the last row with data in column A - Ticker '

LastRow = Cells(Rows.Count, 1).End(xlUp).Row

'Loops through the rows with data'

For i = 2 To LastRow

Ticker = Cells(i, 1).Value

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

'Check if the current row is the equal to the previous row's ticker symbol'

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

YearClose = Cells(i, 6).Value

' Calculate Yearly Change & Percent Change'

YearlyChange = YearClose - YearOpen

If YearOpen <> 0 Then

PercentChange = (YearClose - YearOpen) / YearOpen

Else

PercentChange = 0

End If

'Print results for previous stock in column J'

ws.Cells(SummaryRow, 9).Value = Ticker

ws.Cells(SummaryRow, 10).Value = YearlyChange

ws.Cells(SummaryRow, 11).Value = PercentChange

ws.Cells(SummaryRow, 12).Value = TotalVolume

' If value in colum K is less than 0 then highlight it red, if it is greater than 0 then highlight it green'

If YearlyChange < 0 Then

ws.Cells(SummaryRow, 10).Interior.ColorIndex = 3

ElseIf YearlyChange > 0 Then

ws.Cells(SummaryRow, 10).Interior.ColorIndex = 4

End If

SummaryRow = SummaryRow + 1

YearOpen = Cells(i + 1, 3).Value

TotalVolume = 0

End If

Next i

LastTickerRow = Cells(Rows.Count, 9).End(xlUp).Row

For j = 2 To LastTicketRow

If Cells(j, 11).Value > MaxIncrease Then

MaxIncrease = Cells(j, 11).Value

ws.Cells(2, 15).Value = Cells(j, 9).Value

ws.Cells(2, 16).Value = MaxIncrease

End If

If Cells(j, 11).Value < MaxDecrease Then

MaxDecrease = Cells(j, 11).Value

ws.Cells(3, 15).Value = Cells(j, 9).Value

ws.Cells(3, 16).Value = MaxDecrease

End If

If Cells(j, 12).Value > MaxVolume Then

MaxVolume = Cells(j, 12).Value

ws.Cells(4, 15).Value = Cells(j, 9).Value

ws.Cells(4, 16).Value = MaxVolume

End If

Next j

Next ws

End Sub