Sub annual\_stock\_analysis():

Dim total As Double

Dim rowIndex As Long

Dim change As Double

Dim columnIndex As Integer

Dim start As Long

Dim rowCount As Long

Dim percentChange As Double

Dim days As Integer

Dim dailyChange As Single

Dim averageChange As Double

Dim ws As Worksheet

For Each ws In Worksheets

columnIndex = 0

total = 0

change = 0

start = 2

dailyChange = 0

'Describe the title rows

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

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

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

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

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

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

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

ws.Range("O3").Value = "Greatest 5 Decrease"

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

‘this is for the range end in VBA, xLUp

rowCount = ws.Cells(Rows.Count, "A").End(xIUp).Row

For rowIndex = 2 To rowCount

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

total = total + ws.Cells(rowIndex, 7).Value

If total = 0 Then

ws.Range("I" & 2 + columnIndex).Value = Cells(rowIndex, 1).Value

ws.Range("J" & 2 + columnIndex).Value = 0

ws.Range("K" & 2 + columnIndex).Value = "%" & 0

ws.Range("L" & 2 + columnIndex).Value = 0

Else

If ws.Cells(start, 3) = 0 Then

For find\_value = start To rowIndex

If ws.Cells(find\_value, 3).Value <> 0 Then

start = find\_value

Exit For

End If

Next find\_value

End If

change = (ws.Cells(rowIndex, 6) - ws.Cells(start, 3))

percentChange = change / ws.Cells(start, 3)

start = rowIndex + 1

ws.Range("I" & 2 + columnIndex) = ws.Cells(rowIndex, 1).Value

ws.Range("J" & 2 + columnIndex) = change

ws.Range("J" & 2 + columnIndex).NumberFormat = "0.00"

ws.Range("K" & 2 + columnIndex).Value = percentChange

ws.Range("K" & 2 + columnIndex).NumberFormat = "0.00%"

ws.Range("L" & 2 + columnIndex).Value = total

Select Case change

Case Is > 0

ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 4

Case Is < 0

ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 3

Case Else

ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 0

End Select

End If

total = 0

change = 0

columnIndex = columnIndex + 1

days = 0

dailyChange = 0

Else

total = total + ws.Cells(rowIndex, 7).Value

End If

Next rowIndex

ws.Range("Q2") = "%" & WorksheetFunction.Max(ws.Range("K2:K" & rowCount)) \* 100

ws.Range("Q3") = "%" & WorksheetFunction.Min(ws.Range("K2:K" & rowCount)) \* 100

ws.Range("Q4") = WorksheetFunction.Max(ws.Range("L2:L" & rowCount))

increase\_number = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("K2:K" & rowCount)), ws.Range("K2:K" & rowCount), 0)

decrease\_number = WorksheetFunction.Match(WorksheetFunction.Min(ws.Range("K2:K" & rowCount)), ws.Range("K2:K" & rowCount), 0)

volume\_number = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("L2:L" & rowCount)), ws.Range("L2:L" & rowCount), 0)

ws.Range("P2") = ws.Cells(increase\_number + 1, 9)

ws.Range("P3") = ws.Cells(decrease\_number + 1, 9)

ws.Range("P4") = ws.Cells(volume\_number + 1, 9)

Next ws

End Sub

Graphical user interface, application, table, Excel

Description automatically generated

Error is:

Graphical user interface, application

Description automatically generated