**VBA Scripts:**

**Sub ticker\_symbol = Screenshot 1 of 2**

**(The actual copy of VBA Scripts is also included at the end of this document.)**

A screenshot of a computer program

Description automatically generated

**Sub ticker\_symbol() = Screenshot 2 of 2**

A screenshot of a computer code

Description automatically generated

**Sub grestest\_changes() = Screenshot 1 of 1**

A screenshot of a computer program

Description automatically generated

**Actual VBA Scripts:**

Sub ticker\_symbol():

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

'Add column titles

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

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

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

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

'Loop through all the ticker symbols

Dim ticker As String

Dim total As Double

total = 0

Dim ychange As Double

Dim pchange As Double

Dim openp As Double

openp = ws.Cells(2, 3).Value

Dim closingp As Double

closingp = 0

Dim summary\_row As Integer

summary\_row = 2

Dim LastRow As Long

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

For i = 2 To LastRow

'List up ticker and display total volume

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

ticker = ws.Cells(i, 1).Value

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

ws.Range("I" & summary\_row).Value = ticker

ws.Range("L" & summary\_row).Value = total

'Find open & closing price to calculate changes

closingp = ws.Cells(i, 6).Value

ychange = closingp - openp

ws.Range("J" & summary\_row).Value = ychange

If openp <> 0 Then

pchange = (ychange / openp)

Else

pchange = 0

End If

openp = ws.Cells(i + 1, 3).Value

ws.Range("J" & summary\_row).NumberFormat = "0.00"

ws.Range("K" & summary\_row).Value = pchange

ws.Range("K" & summary\_row).NumberFormat = "0.00%"

'Color coding for ychange column

If ychange > 0 Then

ws.Range("J" & summary\_row).Interior.Color = RGB(0, 255, 0)

ElseIf ychange < 0 Then

ws.Range("J" & summary\_row).Interior.Color = RGB(255, 0, 0)

End If

summary\_row = summary\_row + 1

total = 0

Else

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

End If

Next i

Next ws

End Sub

Sub greatest\_changes()

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

'Add row\_column titles

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

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

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

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

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

'Loop through for greatest values

Dim LastRow As Long

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

For j = 2 To LastRow

Dim k As Range

Dim l As Range

Set k = ws.Range("K2" & ":" & "K" & LastRow)

Set l = ws.Range("L2" & ":" & "L" & LastRow)

ws.Range("Q2").Value = WorksheetFunction.Max(k)

ws.Range("Q3").Value = WorksheetFunction.Min(k)

ws.Range("Q4").Value = WorksheetFunction.Max(l)

'Locate matching Tickers

If ws.Cells(j, 11).Value = ws.Range("Q2").Value Then

ws.Range("P2").Value = ws.Cells(j, 9).Value

End If

If ws.Cells(j, 11).Value = ws.Range("Q3").Value Then

ws.Range("P3").Value = ws.Cells(j, 9).Value

End If

If ws.Cells(j, 12).Value = ws.Range("Q4").Value Then

ws.Range("P4").Value = ws.Cells(j, 9).Value

End If

ws.Range("Q2:Q3").NumberFormat = "0.00%"

Next j

Next ws

End Sub