Sub Get\_Volume()

'Define variables for looping through all sheets

Dim WS\_Count As Integer

Dim w As Integer

'Define variables use for each sheet

Dim ticker\_name As String

Dim next\_ticker\_name As String

Dim running\_volume As Single

Dim temp\_ticker\_row As Single

Dim ticker\_row As Long

Dim ticker\_open\_value As Double

Dim ticker\_close\_value As Double

Dim ticker\_close As Integer

Dim ticker\_column As Integer

Dim ticker\_flag As Integer

Dim max\_increase As Single

Dim max\_decresae As Single

Dim max\_volume As Single

Dim ticker\_count As Long

Dim max\_increase\_ticker\_name As String

Dim max\_decrease\_ticker\_name As String

Dim max\_volume\_ticker\_name As String

Dim overall\_max\_increase As Double

Dim overall\_max\_decrease As Double

Dim overall\_max\_volume As Single

Dim overall\_max\_increase\_name As String

Dim overall\_max\_decrease\_name As String

Dim overall\_max\_volume\_name As String

'Get number of sheets

WS\_Count = ActiveWorkbook.Worksheets.Count

'Get data from each sheet

For w = 1 To WS\_Count

'Initialize variables

ticker\_flag = 1

temp\_ticker\_row = 2

ticker\_row = 2

ticker\_column = 1

ticker\_open\_value = ActiveWorkbook.Worksheets(w).Cells(ticker\_row, 3).Value

ticker\_close\_value = ActiveWorkbook.Worksheets(w).Cells(ticker\_row, 6).Value

ticker\_close = 0

ticker\_count = 0

running\_volume = 0

ticker\_name = ActiveWorkbook.Worksheets(w).Cells(ticker\_row, ticker\_column).Value

next\_ticker\_name = ActiveWorkbook.Worksheets(w).Cells(ticker\_row + 1, ticker\_column).Value

'Fill in column headers

ActiveWorkbook.Worksheets(w).Cells(1, 9).Value = "Ticker"

ActiveWorkbook.Worksheets(w).Cells(1, 10).Value = "Volume"

ActiveWorkbook.Worksheets(w).Cells(1, 11).Value = "Open"

ActiveWorkbook.Worksheets(w).Cells(1, 12).Value = "Close"

ActiveWorkbook.Worksheets(w).Cells(1, 13).Value = "Change"

ActiveWorkbook.Worksheets(w).Cells(1, 14).Value = "% Change"

ActiveWorkbook.Worksheets(w).Cells(1, 16).Value = "Greatest Increase"

ActiveWorkbook.Worksheets(w).Cells(2, 16).Value = "Greatest Decrease"

ActiveWorkbook.Worksheets(w).Cells(3, 16).Value = "Greatest Volume"

'Check each ticker record until NULL is reached

Do While ticker\_flag = 1

'Check to see if ticker symbol is still the same

If ticker\_name = next\_ticker\_name Then

ticker\_count = ticker\_count + 1

running\_volume = running\_volume + ActiveWorkbook.Worksheets(w).Cells(ticker\_row, 7).Value

ticker\_name = next\_ticker\_name

ticker\_row = ticker\_row + 1

'Check to see if ticker symbol has changed

ElseIf ticker\_name <> next\_ticker\_name Then

If ticker\_row <> 2 Then

ticker\_close\_value = ActiveWorkbook.Worksheets(w).Cells(ticker\_row - 1, 6).Value

End If

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 9).Value = ticker\_name

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 10).Value = running\_volume

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 11).Value = ticker\_open\_value

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 12).Value = ticker\_close\_value

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 13).Value = ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 12).Value - ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 11).Value

'Division by 0 test

If ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 11).Value > 0 Then

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Value = ((ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 13).Value / ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 11).Value) \* 100) & "%"

Else

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Value = 0

End If

'Set color for increase or decrese

If ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Value > 0 Then

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Interior.Color = RGB(0, 255, 0)

ElseIf ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Value < 0 Then

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Interior.Color = RGB(255, 0, 0)

Else

ActiveWorkbook.Worksheets(w).Cells(temp\_ticker\_row, 14).Interior.Color = RGB(255, 255, 255)

End If

'Get new ticker open value and reset variables for next ticker symbol

ticker\_open\_value = ActiveWorkbook.Worksheets(w).Cells(ticker\_row, 3).Value

ticker\_name = next\_ticker\_name

temp\_ticker\_row = temp\_ticker\_row + 1

running\_volume = 0

'Check for EOF

If next\_ticker\_name = "" Then

ticker\_flag = 0

End If

End If

next\_ticker\_name = ActiveWorkbook.Worksheets(w).Cells(ticker\_row, ticker\_column).Value

Loop

'Initialize variables for max/min changes

max\_increase = ActiveWorkbook.Worksheets(w).Cells(2, 14).Value

max\_decrease = ActiveWorkbook.Worksheets(w).Cells(2, 14).Value

max\_volume = ActiveWorkbook.Worksheets(w).Cells(2, 10).Value

'Check each sheet for max/min change(s)

For I = 2 To ticker\_count

'If current max is bigger than previous max

If ActiveWorkbook.Worksheets(w).Cells(I, 14).Value >= max\_increase Then

max\_increase = ActiveWorkbook.Worksheets(w).Cells(I, 14).Value

max\_increase\_ticker\_name = ActiveWorkbook.Worksheets(w).Cells(I, 9).Value

End If

'If current min is bigger than previous min

If ActiveWorkbook.Worksheets(w).Cells(I, 14).Value < max\_decrease Then

max\_decrease = ActiveWorkbook.Worksheets(w).Cells(I, 14).Value

max\_decrease\_ticker\_name = ActiveWorkbook.Worksheets(w).Cells(I, 9).Value

End If

'If current volume is bigger than previous volume

If ActiveWorkbook.Worksheets(w).Cells(I, 10).Value > max\_volume Then

max\_volume = ActiveWorkbook.Worksheets(w).Cells(I, 10).Value

max\_volume\_ticker\_name = ActiveWorkbook.Worksheets(w).Cells(I, 9).Value

End If

Next I

'Display min/max/volume extremes

ActiveWorkbook.Worksheets(w).Cells(1, 18).Value = max\_increase \* 100 & "%"

ActiveWorkbook.Worksheets(w).Cells(1, 17).Value = max\_increase\_ticker\_name

ActiveWorkbook.Worksheets(w).Cells(2, 18).Value = max\_decrease \* 100 & "%"

ActiveWorkbook.Worksheets(w).Cells(2, 17).Value = max\_decrease\_ticker\_name

ActiveWorkbook.Worksheets(w).Cells(3, 18).Value = max\_volume

ActiveWorkbook.Worksheets(w).Cells(3, 17).Value = max\_volume\_ticker\_name

'Go to next sheet in workbook

Next w

'Set variables for max/min values for overall workbook

overall\_max\_increase = 0

overall\_max\_decrease = 0

overall\_max\_volume = 0

overall\_max\_increase\_name = ""

overall\_max\_decrease\_name = ""

overall\_max\_volume\_name = ""

'Get max/min for overall workbook

For n = 1 To WS\_Count

If (ActiveWorkbook.Worksheets(n).Cells(1, 18).Value \* 100) > overall\_max\_increase Then

overall\_max\_increase = ActiveWorkbook.Worksheets(n).Cells(1, 18).Value \* 100

overall\_max\_increase\_name = ActiveWorkbook.Worksheets(n).Cells(1, 17).Value

End If

If (ActiveWorkbook.Worksheets(n).Cells(2, 18).Value \* 100) < overall\_max\_decrease Then

overall\_max\_decrease = ActiveWorkbook.Worksheets(n).Cells(2, 18).Value \* 100

overall\_max\_decrease\_name = ActiveWorkbook.Worksheets(n).Cells(1, 17).Value

End If

If (ActiveWorkbook.Worksheets(n).Cells(3, 18).Value) > overall\_max\_volume Then

overall\_max\_volume = ActiveWorkbook.Worksheets(n).Cells(3, 18).Value

overall\_max\_volume\_name = ActiveWorkbook.Worksheets(n).Cells(1, 17).Value

End If

Next n

'Display overall workbook max/min data f

Cells(10, 16).Value = "Overall max increase"

Cells(10, 17).Value = overall\_max\_increase\_name

Cells(10, 18).Value = overall\_max\_increase & "%"

Cells(11, 16).Value = "Overall max decrease"

Cells(11, 17).Value = overall\_max\_decrease\_name

Cells(11, 18).Value = overall\_max\_decrease & "%"

Cells(12, 16).Value = "Overall max volume"

Cells(12, 17).Value = overall\_max\_volume\_name

Cells(12, 18).Value = overall\_max\_volume

End Sub