Sub StockMarketAnalysis():

' Loop / Iterate Through All Worksheets

For Each ws In Worksheets

' Column Headers / Data Field Labels

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("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"

' Set/Declare Initial Variables And Set Default/Baseline Variables

Dim TickerName As String

Dim LastRow As Long

Dim TotalTickerVolume As Double

TotalTickerVolume = 0

Dim SummaryTableRow As Long

SummaryTableRow = 2

Dim YearlyOpen As Double

Dim YearlyClose As Double

Dim YearlyChange As Double

Dim PreviousAmount As Long

PreviousAmount = 2

Dim PercentChange As Double

Dim GreatestIncrease As Double

GreatestIncrease = 0

Dim GreatestDecrease As Double

GreatestDecrease = 0

Dim LastRowValue As Long

Dim GreatestTotalVolume As Double

GreatestTotalVolume = 0

' Determine the Last Row

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

For i = 2 To LastRow

' Add To Ticker Total Volume

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

' Check If We Are Still Within The Same Ticker Name If It Is Not...

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

' ### Easy ###

' Set Ticker Name

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

' Print The Ticker Name In The Summary Table

ws.Range("I" & SummaryTableRow).Value = TickerName

' Print The Ticker Total Amount To The Summary Table

ws.Range("L" & SummaryTableRow).Value = TotalTickerVolume

' Reset Ticker Total

TotalTickerVolume = 0

' ### Moderate ###

' Set Yearly Open, Yearly Close and Yearly Change Name

YearlyOpen = ws.Range("C" & PreviousAmount)

YearlyClose = ws.Range("F" & i)

YearlyChange = YearlyClose - YearlyOpen

ws.Range("J" & SummaryTableRow).Value = YearlyChange

' Determine Percent Change

If YearlyOpen = 0 Then

PercentChange = 0

Else

YearlyOpen = ws.Range("C" & PreviousAmount)

PercentChange = YearlyChange / YearlyOpen

End If

' Format Double To Include % Symbol And Two Decimal Places

ws.Range("K" & SummaryTableRow).NumberFormat = "0.00%"

ws.Range("K" & SummaryTableRow).Value = PercentChange

' Conditional Formatting Highlight Positive (Green) / Negative (Red)

If ws.Range("J" & SummaryTableRow).Value >= 0 Then

ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 4

Else

ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 3

End If

' Add One To The Summary Table Row

SummaryTableRow = SummaryTableRow + 1

PreviousAmount = i + 1

End If

Next i

' ### Hard ###

' Greatest % Increase, Greatest % Decrease and Greatest Total Volume

LastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row

' Start Loop For Final Results

For i = 2 To LastRow

If ws.Range("K" & i).Value > ws.Range("Q2").Value Then

ws.Range("Q2").Value = ws.Range("K" & i).Value

ws.Range("P2").Value = ws.Range("I" & i).Value

End If

If ws.Range("K" & i).Value < ws.Range("Q3").Value Then

ws.Range("Q3").Value = ws.Range("K" & i).Value

ws.Range("P3").Value = ws.Range("I" & i).Value

End If

If ws.Range("L" & i).Value > ws.Range("Q4").Value Then

ws.Range("Q4").Value = ws.Range("L" & i).Value

ws.Range("P4").Value = ws.Range("I" & i).Value

End If

Next i

' Format Double To Include % Symbol And Two Decimal Places

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

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

' Format Table Columns To Auto Fit

ws.Columns("I:Q").AutoFit

Next ws