

```
'Set up function  
Sub StockPrice()
```

```
    ' Loop through all sheets  
    For Each ws In Worksheets
```

```
        'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change  
        Dim WorksheetName As String  
        Dim Ticker_Name As String  
        Dim Quarterly_Change As Double  
        Dim FirstOpenPrice As Double  
        Dim LastClosePrice As Double  
        Dim Percent_Change As Double  
        Dim Total_Stock_Volume As Double
```

```
        'Set initial variable for holding total vol per ticker  
        Total_Stock_Volume = 0
```

```
        ' Keep track of the location for each credit card brand in the summary table  
        Dim Summary_Table_Row As Integer  
        Summary_Table_Row = 2
```

```
        ' Determine the Last Row of each worksheet  
        LastRow = ws.Cells(Rows.Count, 1).End(xlUp).Row
```

```
        ' Add the word Ticker, Quarterly change, percent change, volume to the 9th, 10th,  
11th, 12th Column Header  
        ws.Cells(1, 9).Value = "Ticker"  
        ws.Cells(1, 10).Value = "Quarterly Change"  
        ws.Cells(1, 11).Value = "Percent Change"  
        ws.Cells(1, 12).Value = "Total Stock Volume"
```

```
        ' Loop through all tickers in a worksheet  
        For i = 2 To LastRow
```

```
            'Check if we are still within the same ticker, if not...
```

```
            If i = 2 Then
```

```
                'record first open price  
                FirstOpenPrice = ws.Cells(i, 3).Value
```

```
                'Set ticker name  
                Ticker_Name = ws.Cells(i, 1).Value
```

```
' Print ticker in Summary Table  
ws.Range("I" & Summary_Table_Row).Value = Ticker_Name
```

```
Elseif i = LastRow Then
```

```
'record last close price and calc quarterly and percent change  
LastClosePrice = ws.Cells(i, 6).Value  
Quarterly_Change = LastClosePrice - FirstOpenPrice  
Percent_Change = (LastClosePrice / FirstOpenPrice - 1)
```

```
' Print the quarterly price change and percent change to the Summary Table  
ws.Range("J" & Summary_Table_Row).Value = Quarterly_Change  
ws.Range("K" & Summary_Table_Row).Value = Percent_Change
```

```
Elseif i > 2 And i <> LastRow Then
```

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

```
'Set ticker name  
Ticker_Name = ws.Cells(i, 1).Value
```

```
' Print ticker in Summary Table  
ws.Range("I" & Summary_Table_Row).Value = Ticker_Name
```

```
'record first open price  
FirstOpenPrice = ws.Cells(i, 3).Value
```

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

```
'record last close price and calc quarterly and percent change  
LastClosePrice = ws.Cells(i, 6).Value  
Quarterly_Change = LastClosePrice - FirstOpenPrice  
Percent_Change = (LastClosePrice / FirstOpenPrice - 1)
```

```
' Print the quarterly price change and percent change to the Summary
```

Table

```
ws.Range("J" & Summary_Table_Row).Value = Quarterly_Change  
ws.Range("K" & Summary_Table_Row).Value = Percent_Change
```

```
'Add one to summary table row  
Summary_Table_Row = Summary_Table_Row + 1
```

```
End If
```

End If

Next i

ws.Range("K2: K" & Summary_Table_Row).NumberFormat = "0.00%"
ws.Range("J2: J" & Summary_Table_Row).NumberFormat = "0.00"

Next ws

End Sub

'Set up function
Sub StockVol()

' Loop through all sheets
For Each ws In Worksheets

'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change
Dim WorksheetName As String
Dim Total_Stock_Volume As Double

'Set initial variable for holding total vol per ticker
Total_Stock_Volume = 0

' Keep track of the location for each credit card brand in the summary table
Dim Summary_Table_Row_v2 As Integer
Summary_Table_Row_v2 = 2

' Determine the Last Row of each worksheet
LastRow = ws.Cells(Rows.Count, 1).End(xlUp).Row

' Loop through all tickers in a worksheet
For i = 2 To LastRow

'Check if we are still within the same ticker, if not...

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

'Add to total stock vol
Total_Stock_Volume = Total_Stock_Volume + ws.Cells(i, 7).Value

```

' Print ticker in Summary Table
ws.Range("L" & Summary_Table_Row_v2).Value = Total_Stock_Volume

'Add one to summary table row
Summary_Table_Row_v2 = Summary_Table_Row_v2 + 1

'Reset total stock volume
Total_Stock_Volume = 0

Else

'Add to total stock vol
Total_Stock_Volume = Total_Stock_Volume + ws.Cells(i, 7).Value

End If

Next i

Next ws

End Sub

'Set up function
Sub StockMaxSummary()

' Loop through all sheets
For Each ws In Worksheets

'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change
Dim WorksheetName As String
Dim GreatestIncrease As Double
Dim GreatestDecrease As Double

' Add the word Ticker, Quarterly change, percent change, volume to the 9th, 10th,
11th, 12th Column Header
ws.Cells(2, 14).Value = "Greatest % increase"
ws.Cells(4, 14).Value = "Greatest total volume"
ws.Cells(1, 15).Value = "Ticker"
ws.Cells(1, 16).Value = "Value"

' Determine the Last Row of each worksheet - REVISION
LastNewRow = ws.Range("I" & Rows.Count).End(xlUp).Row

GreatestIncrease = 0
' Loop through all tickers in a worksheet
For i = 2 To LastNewRow

```

```

'Compare percent change

If ws.Cells(i, 11).Value > GreatestIncrease Then

    GreatestIncrease = ws.Cells(i, 11).Value

    ' Print percent change in Summary Table
    ws.Cells(2, 16).Value = GreatestIncrease
    ws.Cells(2, 15).Value = ws.Cells(i, 9).Value

End If

Next i
ws.Cells(2, 16).NumberFormat = "0.00%"

Next ws

End Sub

'Set up function
Sub StockMinSummary()

    ' Loop through all sheets
    For Each ws In Worksheets

        'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change
        Dim WorksheetName As String
        Dim GreatestDecrease As Double

        ' Add the word Ticker, Quarterly change, percent change, volume to the 9th, 10th,
        11th, 12th Column Header
        ws.Cells(3, 14).Value = "Greatest % decrease"

        ' Determine the Last Row of each worksheet - REVISION
        LastNewRow = ws.Range("I" & Rows.Count).End(xlUp).Row

        GreatestDecrease = 0
        ' Loop through all tickers in a worksheet
        For i = 2 To LastNewRow

            'Compare percent change

            If ws.Cells(i, 11).Value < GreatestDecrease Then

                GreatestDecrease = ws.Cells(i, 11).Value

                ' Print percent change in Summary Table

```

```

        ws.Cells(3, 16).Value = GreatestDecrease
        ws.Cells(3, 15).Value = ws.Cells(i, 9).Value

    End If

Next i
    ws.Cells(3, 16).NumberFormat = "0.00%"

Next ws

End Sub

'Set up function
Sub StockVolSummary()

    ' Loop through all sheets
    For Each ws In Worksheets

        'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change
        Dim WorksheetName As String
        Dim GreatestTotalVol As Double

        ' Add the word Ticker, Quarterly change, percent change, volume to the 9th, 10th,
        11th, 12th Column Header
        ws.Cells(4, 14).Value = "Greatest total volume"

        ' Determine the Last Row of each worksheet - REVISION
        LastNewRow = ws.Range("I" & Rows.Count).End(xlUp).Row

        GreatestTotalVol = 0
        ' Loop through all tickers in a worksheet
        For i = 2 To LastNewRow

            'Compare percent change

            If ws.Cells(i, 12).Value > GreatestTotalVol Then

                GreatestTotalVol = ws.Cells(i, 12).Value

                ' Print percent change in Summary Table
                ws.Cells(4, 16).Value = GreatestTotalVol
                ws.Cells(4, 15).Value = ws.Cells(i, 9).Value

            End If

        Next i

    End For

End Sub

```

Next ws

End Sub

'Set up function

Sub ConditionFormatting()

' Loop through all sheets

For Each ws In Worksheets

'Create a Variable to hold Last Row, Ticker, Quarterly change and percent change

Dim WorksheetName As String

' Determine the Last Row of each worksheet - REVISION

LastNewRow = ws.Range("K" & Rows.Count).End(xlUp).Row

' Loop through all tickers in a worksheet

For i = 2 To LastNewRow

'Compare percent change

If ws.Cells(i, 10).Value > 0 Then

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

Elseif ws.Cells(i, 10).Value < 0 Then

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

End If

Next i

Next ws

End Sub