Sub testing():

Dim ws As Worksheet

Dim total\_stock\_volume As Double

total\_stock\_volume = 0

Dim year\_open As Double

Dim year\_close As Double

Dim Greatest\_total\_volume As Double

For Each ws In Worksheets

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

Dim Summary\_Table\_Row As Double

Summary\_Table\_Row = 2

ws.Cells(1, 9).Value = "Ticker"

ws.Cells(1, 12).Value = "Total Stock Volume"

ws.Cells(1, 10).Value = "Yearly change"

ws.Cells(1, 11).Value = "Percent change"

ws.Cells(2, 14).Value = "Greatest % increase"

ws.Cells(3, 14).Value = "Greatest % Decrease"

ws.Cells(4, 14).Value = "Greatest total volume"

ws.Cells(1, 15).Value = "Ticker"

ws.Cells(1, 16).Value = "Value"

ws.Range("K2:K" & lastrow).NumberFormat = "0.00%"

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

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

'Initializing the first year\_open value for the ticker in each sheet

year\_open = ws.Cells(2, 3).Value

For i = 2 To lastrow

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

ws.Range("I" & Summary\_Table\_Row).Value = ws.Cells(i, 1).Value

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

ws.Range("L" & Summary\_Table\_Row).Value = total\_stock\_volume

total\_stock\_volume = 0

year\_close = ws.Cells(i, 6).Value

ws.Range("J" & Summary\_Table\_Row).Value = year\_close - year\_open

If (year\_close - year\_open) > 0 Then

ws.Cells(Summary\_Table\_Row, 10).Interior.ColorIndex = 4

Else

ws.Cells(Summary\_Table\_Row, 10).Interior.ColorIndex = 3

End If

'Checking if year\_open is 0 or not, since Division by 0 is not possible

If year\_open <> 0 Then

ws.Range("K" & Summary\_Table\_Row).Value = (year\_close - year\_open) / year\_open

Else

ws.Range("K" & Summary\_Table\_Row).Value = 0

End If

Summary\_Table\_Row = Summary\_Table\_Row + 1

year\_open = ws.Cells(i + 1, 3).Value

Else

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

End If

Next i

ws.Cells(2, 16).Value = Application.WorksheetFunction.Max(ws.Range("K2:K" & lastrow))

ws.Cells(3, 16).Value = Application.WorksheetFunction.Min(ws.Range("K2:K" & lastrow))

ws.Cells(4, 16).Value = Application.WorksheetFunction.Max(ws.Range("L2:L" & lastrow))

For i = 2 To lastrow

If ws.Cells(i, 11).Value = ws.Cells(2, 16).Value Then

ws.Cells(2, 15).Value = ws.Cells(i, 9).Value

ElseIf ws.Cells(i, 11).Value = ws.Cells(3, 16).Value Then

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

ElseIf ws.Cells(i, 12).Value = ws.Cells(4, 16).Value Then

ws.Cells(4, 15).Value = ws.Cells(i, 9).Value

End If

Next i

MsgBox ("New Sheet")

Next ws

End Sub

Sub multiple\_year\_stock():

  Dim ws As Worksheet

  Dim total\_stock\_volume As Double

  total\_stock\_volume = 0

  Dim year\_open As Double

  Dim year\_close As Double

  For Each ws In Worksheets

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

      Dim Summary\_Table\_Row As Double

      Summary\_Table\_Row = 2

      Dim Summary\_Table\_Row\_2 As Double

      Summary\_Table\_Row\_2 = 2

      ws.Cells(1, 9).Value = "Ticker"

      ws.Cells(1, 12).Value = "Total Stock Volume"

      ws.Cells(1, 10).Value = "Yearly change"

      ws.Cells(1, 11).Value = "Percent change"

      ws.Cells(2, 14).Value = "Greatest % increase"

      ws.Cells(3, 14).Value = "Greatest % Decrease"

      ws.Cells(4, 14).Value = "Greatest total volume"

      ws.Cells(1, 15).Value = "Ticker"

      ws.Cells(1, 16).Value = "Value"

      ws.Range("K2:K" & lastrow).NumberFormat = "0.00%"

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

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

    For i = 2 To lastrow

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

          ws.Range("I" & Summary\_Table\_Row).Value = ws.Cells(i, 1).Value

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

          ws.Range("L" & Summary\_Table\_Row).Value = total\_stock\_volume

          Summary\_Table\_Row = Summary\_Table\_Row + 1

          total\_stock\_volume = 0

      Else

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

      End If

    Next i

    For i = 2 To lastrow

      If Right((Cells(i, 2).Value), 4) = 0101 Then

         year\_open = ws.Cells(i, 3).Value

        ElseIf (Right((Cells(i, 2).Value), 4) = 1230 And Left((Cells(i, 2).Value), 4) = 2016) Or (Right((Cells(i, 2).Value), 4) = 1231 And Left((Cells(i, 2).Value), 4) = 2015) Or (Right((Cells(i, 2).Value), 4) = 1231 And Left((Cells(i, 2).Value), 4) = 2014) Then

         year\_close = ws.Cells(i, 6).Value

         ws.Range("J" & Summary\_Table\_Row\_2).Value = year\_close - year\_open

         ws.Range("K" & Summary\_Table\_Row\_2).Value = (year\_close - year\_open) / year\_open

         Summary\_Table\_Row\_2 = Summary\_Table\_Row\_2 + 1

      End If

    Next i

     For i = 2 To lastrow

       If Cells(i, 10).Value < 0 Then

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

     ElseIf Cells(i, 10).Value > 0 Then

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

     End If

     Next i

   ws.Cells(2, 16).Value = Application.WorksheetFunction.Max(ws.Range("K2:K" & lastrow))

   ws.Cells(3, 16).Value = Application.WorksheetFunction.Min(ws.Range("K2:K" & lastrow))

   ws.Cells(4, 16).Value = Application.WorksheetFunction.Max(ws.Range("L2:L" & lastrow))

   For i = 2 To lastrow

    If Cells(i, 11).Value = Cells(2, 16).Value Then

       ws.Cells(2, 15).Value = Cells(i, 9).Value

    End If

    If Cells(i, 11).Value = Cells(3, 16).Value Then

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

    End If

    If Cells(i, 12).Value = Cells(4, 16).Value Then

       ws.Cells(4, 15).Value = Cells(i, 9).Value

    End If

   Next i

  Next ws

End Sub

Sub testing():

  Dim ws As Worksheet

  Dim year\_open As Double

  Dim year\_close As Double

  For Each ws In Worksheets

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

      Dim Summary\_Table\_Row As Double

      Summary\_Table\_Row = 2

      ws.Cells(1, 9).Value = "Ticker"

      ws.Cells(1, 12).Value = "Total Stock Volume"

      ws.Cells(1, 10).Value = "Year change"

    For i = 2 To lastrow

      If Right((ws.Cells(i, 2).Value), 4) = 101 Then

         year\_open = ws.Cells(i, 3).Value

          If (Right((ws.Cells(i, 2).Value), 4) = 1230 And Left((ws.Cells(i, 2).Value), 4) = 2016) Or (Right((ws.Cells(i, 2).Value), 4) = 1231 And Left((ws.Cells(i, 2).Value), 4) = 2014) Then

            year\_close = ws.Cells(i, 6).Value

            ws.Range("J" & Summary\_Table\_Row).Value = year\_close - year\_open

            Summary\_Table\_Row = Summary\_Table\_Row + 1

          End If

      end if

    Next i

  Next ws

End Sub

Sub testing():

  Dim ws As Worksheet

  Dim total\_stock\_volume As Double

  total\_stock\_volume = 0

  Dim year\_open As Double

  Dim year\_close As Double

  For Each ws In Worksheets

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

      Dim Summary\_Table\_Row As Double

      Summary\_Table\_Row = 2

      ws.Cells(1, 9).Value = "Ticker"

      ws.Cells(1, 12).Value = "Total Stock Volume"

      ws.Cells(1, 10).Value = "Year change"

    For i = 2 To lastrow

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

          ws.Range("I" & Summary\_Table\_Row).Value = ws.Cells(i, 1).Value

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

          ws.Range("L" & Summary\_Table\_Row).Value = total\_stock\_volume

          Summary\_Table\_Row = Summary\_Table\_Row + 1

          total\_stock\_volume = 0

      Else

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

      End If

    Next i

  Next ws

End Sub

Sub credit\_card()

  Dim Brand\_Name As String

  Dim Brand\_Total As Double

  Brand\_Total = 0

  Dim Summary\_Table\_Row As Integer

  Summary\_Table\_Row = 2

  For i = 2 To 101

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

      Brand\_Name = Cells(i, 1).Value

      Brand\_Total = Brand\_Total + Cells(i, 3).Value

      Range("G" & Summary\_Table\_Row).Value = Brand\_Name

      ' Print the Brand Amount to the Summary Table

      Range("H" & Summary\_Table\_Row).Value = Brand\_Total

      ' Add one to the summary table row

      Summary\_Table\_Row = Summary\_Table\_Row + 1

      ' Reset the Brand Total

      Brand\_Total = 0

    ' If the cell immediately following a row is the same brand...

    Else

      ' Add to the Brand Total

      Brand\_Total = Brand\_Total + Cells(i, 3).Value

    End If

  Next i

End Sub

Sub WellsFargo\_PtI():

  Dim ws As Worksheet

  Dim WorksheetName As String

  For Each ws In Worksheets

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

      WorksheetName = ws.Name

      state = Split(WorksheetName, "\_Wells\_Fargo")

      If Cells(1, 1).Value <> "state" Then

          ws.Range("A1").EntireColumn.Insert

          ws.Cells(1, 1).Value = "state"

          ws.Range("A2:A" & lastrow) = state(0)

      End If

        Dim year() As String

        For i = 3 To 7

        year = Split(Cells(1, i).Value, " ")

        ws.Cells(1, i + 5).Value = year(3)

        Next i

        Dim lRow As Integer

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

        For i = 3 To 7

          For j = 2 To lRow

            ws.Cells(j, i + 5).Value = Format(Cells(j, i).Value, "Currency")

          Next j

        Next i

  Next ws

End Sub