

ĆWICZENIA 03 POZA KLASĘ RANGE

1a	<pre>Sub zad1a() Dim obraz As Shape, s As Worksheet Set s = Sheets.Add s.Name = "Logo" With Range("b2") .Value = "Karty kontrolne 1.0" .Font.Color = RGB(244, 159, 28) .Font.Size = 20 End With Set obraz = ActiveSheet.Shapes.AddPicture("https://cdn.hubblecontent.osi.office.net/icons/publish/ icons_statistics_ltr/statistics_ltr.svg", _ msoFalse, msoTrue, 85, 55, 100, 100) obraz.Fill.ForeColor.RGB = RGB(244, 159, 28) Range("B2:e12").Interior.Color = RGB(3, 14, 79) obraz.OnAction = "msg" End Sub Public Sub msg() MsgBox "Karty kontrolne 1.0" End Sub</pre>
2a	<pre>Sub zad2a(element As Shape, zakres As Range) element.Top = zakres.Top element.Height = zakres.Height element.Left = zakres.Left element.Width = zakres.Width End Sub</pre>
1b	<pre>Sub zad1b() Dim obraz As Shape, s As Worksheet Set s = Sheets.Add s.Name = "Logo" With Range("b2") .Value = "Karty kontrolne 1.0" .Font.Color = RGB(244, 159, 28) .Font.Size = 20 End With Set obraz = j.w. obraz.Fill.ForeColor.RGB = RGB(244, 159, 28) zad2a obraz, Range("c5:d11") Range("B2:e12").Interior.Color = RGB(3, 14, 79) obraz.OnAction = "msg" End Sub</pre>

2b	<pre> Sub zad2b(wykres As Shape, zakres As Range, tytuł As String) wykres.Chart.ChartTitle.Text = tytuł wykres.Chart.SetSourceData zakres End Sub </pre>
2c	<pre> Sub zad2c() Dim a As Shape Set a = ActiveSheet.Shapes.AddChart2(-1, xlXYScatterLines) zad2a a, Range("h5:m13") zad2b a, Range("e1:e10"), "Karta X średnia" a.Chart.ChartType = xlXYScatterLines End Sub </pre>
3a	<pre> Sub zad3a(wykres As Chart, r As Range, n As Integer, kolor As Long) Dim s As Series Set s = wykres.SeriesCollection.NewSeries s.Values = Range(r.Address & "," & r.Address) s.XValues = "{1," & Str(n) & "}" s.MarkerStyle = xlMarkerStyleNone s.Format.Line.ForeColor.RGB = kolor End Sub </pre>
3b	<pre> Sub zad3b(wykres As Chart, r As Range, n As Integer) zad3a wykres, r.Cells(1, 1), n, RGB(255, 0, 0) zad3a wykres, r.Cells(1, 2), n, RGB(0, 100, 0) zad3a wykres, r.Cells(1, 3), n, RGB(255, 0, 0) End Sub </pre>
3c	<pre> Sub zad3c() Dim s As Shape Set s = ActiveSheet.Shapes.AddChart2(-1, xlXYScatterLines) zad2a s, Range("h5:m13") zad2b s, Range("e1:e10"), "Karta X średnia" zad3b s.Chart, Range("h3:j3"), Range("e1:e10").Count End Sub </pre>
4a	<pre> Sub zad4a(r As Range, k As Integer) Dim s As Shape Dim dane As Range, linie As Range, miejsce As Range Set dane = r.Columns(k) Set linie = r.Cells(3, k + 3).Resize(1, 3) Set miejsce = r.Cells(5, k + 3).Resize(9, 6) zad3d dane, linie, miejsce, "Karta X średnia" Set dane = r.Columns(k + 1) Set linie = r.Cells(3, k + 7).Resize(1, 3) Set miejsce = r.Cells(5, k + 10).Resize(9, 6) zad3d dane, linie, miejsce, "Karta S" End Sub </pre>
4b	<pre> Sub zad4b() zad4a Range("a1:c10"), 5 End Sub </pre>