

LABORATORIUM 04

PROSTE MAKRA

1.

```
Sub Długość1(x As Double, y As Double)
  Dim dl As Double

  dl = (x ^ 2 + y ^ 2) ^ 0.5

  MsgBox "Wektor ma długość: " & dl
End Sub
```

2.

```
Sub Oblicz1()
  Dim x As Double, y As Double

  x = Range("a1").Value
  y = Range("b1").Value

  Długość1 x, y
End Sub
```

3.

```
Sub oblicz2()
  Dim x As Double, y As Double

  x = ActiveCell.Value
  y = ActiveCell.Offset(0, 1).Value

  Długość1 x, y
End Sub
```

4.

```
Sub Oblicz3()
  Dim x As Double, y As Double

  x = InputBox("Podaj x")
  y = InputBox("Podaj y")

  Długość1 x, y
End Sub
```

5.

```
Sub Długość2(x As Double, y As Double, dl As Double)

  dl = (x ^ 2 + y ^ 2) ^ 0.5

End Sub
```

6.

```
Sub Oblicz4()  
    Dim x As Double, y As Double, dl As Double  
  
    x = Range("a1").Value  
    y = Range("b1").Value  
  
    Długość2 x, y, dl  
    MsgBox "Wektor ma długość: " & dl  
End Sub
```

7.

```
Sub Oblicz5()  
    Dim x As Double, y As Double, dl As Double  
  
    x = Range("a1").Value  
    y = Range("b1").Value  
  
    Długość2 x, y, dl  
    Range("C1").Value = dl  
End Sub
```

8.

```
Function Długość3(x As Double, y As Double) As Double  
  
    Długość3 = (x ^ 2 + y ^ 2) ^ 0.5  
  
End Function
```

9.

```
Sub Oblicz6()  
    Dim x As Double, y As Double, dl As Double  
  
    x = Range("a1").Value  
    y = Range("b1").Value  
  
    dl = Długość3(x, y)  
    MsgBox "Wektor ma długość: " & dl  
End Sub
```

10.

```
Sub Oblicz7()  
    Dim x As Double, y As Double, dl As Double  
  
    x = Range("a1").Value  
    y = Range("b1").Value  
  
    dl = Długość3(x, y)  
    Range("C1").Value = dl  
End Sub
```