

Trace the following program keeping track of the values stored in all variables including the array mintExam. Assume that the user first clicks the cmdSum command button and then the user clicks the cmdAverage command button. Also, in a paragraph, explain what the program does and displays as output. Draw rectangular grid for cmdSum at the bottom of the worksheet to accurately depict its elements.

```
Option Explicit
```

```
Dim mintExam(6) As Integer  
Dim mintSum As Integer  
Dim mintCount As Integer
```

```
Private Sub Form_Load()  
    mintExam(0) = 88  
    mintExam(1) = 76  
    mintExam(2) = 85  
    mintExam(3) = 83  
    mintExam(4) = 90  
    mintExam(5) = 78  
    mintExam(6) = 92  
End Sub
```

```
Private Sub cmdSum_Click() J mintSum mintCount  
    Dim J As Integer  
  
    For J = 0 To 6  
        mintSum = mintSum + mintExam(J)  
        mintCount = mintCount + 1  
    Next J  
  
    MsgBox "The total number of points is " & mintSum  
End Sub
```

```
Private Sub cmdAverage_Click() intAverage  
    Dim intAverage As Integer  
  
    intAverage = mintSum / mintCount  
    MsgBox "The exam average is " & intAverage  
End Sub
```

	0	1	2	3	4	5	6
mintExam							