**Tutorial # 2**

**Question#1:** What is the output of the following programs?

1 Dim number1 As Integer

2 Dim number2 As Integer

3 Dim result As Integer

4

5 number2 = 8\2\*2-2

6 number1 = 5 \* (4 + 6)

7

8 If number2 <> 0 Then

9 number1 \*= 3

10 End If

11 result = number1 - number2 \*4

number1 = 50 , number2 = 0 , result= 50

Dim firstName As String = "Muhammad"  
 Dim lastName As String = "Abdullah"  
 Dim fullName As String

Dim age As Integer

Dim city, POBox , phoneNum , myInformation As String

age = 23

city = "Riyadh"

POBox = "1234"

phoneNum = "+966555555555"

fullName = firstName & vbTab & lastName

myInformation = "Name: " & vbCrLf & fullName & vbCrLf & "Age: " & vbCrLf & age & vbCrLf & "City: " & vbCrLf & city & vbCrLf & "P.O.Box: " & vbCrLf & POBox & vbCrLf & "Phone: " & vbCrLf & phoneNum

fullName = Muhammad Abdullah

myInformation = Name:

Muhammad Abdullah

Age:

23

City:

Riyadh

P.O.Box:

1234

Phone:

+966555555555

***Note:***

* *vbCrLf is a keyword in Visual Basic & it means new line as the '\n' in C language as if you press Enter button in the Keyboard.*
* *vbTab is a keyword in Visual Basic & it means tab space as the '\t' in C language as if you press the Tab button in the Keyboard*

**Question#2: Extract errors from the following codes & then obtain weather they are Syntax Error or Run time Error?**

1 Dim number1 As Integer

2 Dim number2 As Integer

3 Dim result As Integer

4

5 number2 = 8\2\*2-2

6 number1 = 5 \* (4 + 6)

7

8 If number2 > 0 Then

9 number1 \*= number2

10 ElseIf number2 = 0 Then

11 result = number1

12 End If

13 End If

|  |  |  |  |
| --- | --- | --- | --- |
| **Line#** | **Error Description** | **Error Type (Syntax or Runtime)** | **Correction** |
| **13** | **End If must be proceeded by a matching If** | **Syntax** | **Remove second End If** |