**Tutorial # 1**

**Name: ID:**

**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 number1= 5 \* (4 + 6)

6 number2= 2 ^ 2

7 result = number1 \ number2

number1 =…………….., number2 =…………….., result=……………………..

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 EndIf

11 result = number1 - number2 \*4

number1 =…………….., number2 =…………….., result=……………………..

**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 number1 = (4 \* 6 ^ 4) / (10 Mod 4 – 2)

6 number2 = (16 \ 3) ^ 2 \* 6 + 1

7 result = number1 - number2

|  |  |  |  |
| --- | --- | --- | --- |
| **Line#** | **Error Description** | **Error Type (Syntax or Runtime)** | **Correction** |
|  |  |  |  |

1 Dim number1 As Double

2 Dim number2 Double

3 Dim result As Char

4

5 number1 = (4 ^ 2)

6 number2 = (16 \ 2)

7 result = number1 \ number2

|  |  |  |  |
| --- | --- | --- | --- |
| **Line#** | **Error Description** | **Error Type (Syntax or Runtime)** | **Correction** |
|  |  |  |  |
|  |  |  |  |

1 Private Sub myFunction ()

2 Dim IntegerAsInteger

3 Dim Integer2As Integer

4 Dim ResultAs Integer

5

6 Integer= 99 mod 11

7 Result = Integer ^ Integer2

|  |  |  |  |
| --- | --- | --- | --- |
| **Line#** | **Error Description** | **Error Type (Syntax or Runtime)** | **Correction** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Question#3**

**Write a *pseudo code* to Read the height, length, and width of a rectangular box,**

**calculates and displays the volume. Note: volume = l\*w\*h ?**

**Question#4**

**Which of the following variable names are valid , and which are invalid?**

1. Age
2. 1welcom
3. Total#
4. Integer
5. Number 2