**Tutorial # 2**

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

1 Private Sub donationButton\_Click(ByVal sender As

2 System.Object, ByVal e AsSystem.EventArgs) \_

3 Handles donationButton.Click

4

5 Select Case Val(donationTextBox.Text)

6 Case 0

7 messageLabel.Text = "Please consider donating to our cause."

8 Case 1 To 100

9 messageLabel.Text = "Thank you for your donation."

10 Case Is >100

11 messageLabel.Text = "Thank you very much for your donation!"

12 Case Else

13 messageLabel.Text = "Please enter a valid amount."

14 End Select

15 End Sub

|  |  |
| --- | --- |
| **Input (donationTextBox.Text)** | **Output (messageLabel.Text)** |
| Hello |  |
| 179 |  |
| 0 |  |
| 100 |  |

1 Dim age As Integer

2

3 age = ageTextBox.Text

4

5 If age < 0 Then

6 ageLabel.Text="Enter a value greater than or equal to zero."

7 ElseIfage < 13Then

8 ageLabel.Text= "Child"

9 ElseIfage < 20Then

10 ageLabel.Text="Teenager"

11 ElseIfage < 30Then

12 ageLabel.Text ="Young Adult"

13 ElseIfage < 65Then

14 ageLabel.Text ="Adult"

15 Else

16 ageLabel.Text ="Senior Citizen"

17 End If

|  |  |
| --- | --- |
| **Input (**ageTextBox.Text**)** | **Output (**ageLabel.Text**)** |
| 75 |  |
| 13 |  |
| 25 |  |
| -100 |  |

**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** |
|  |  |  |  |