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MATRIC NO: 15/ENG02/027  
DEPARTMENT: COMPUTER SCIENCE  
LEVEL: 200 LEVEL

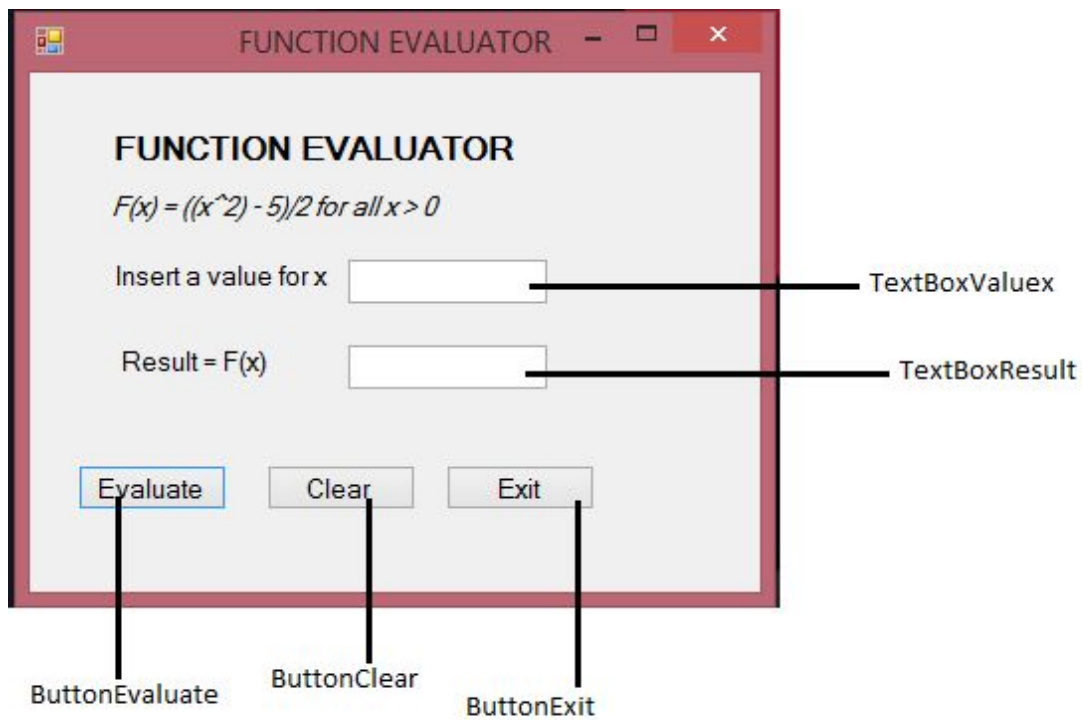
### QUESTION

Solve the last assignment on  $f(x)$

### ANSWER

#### For the first function

##### 1. The Design



##### 2. Code

```
Public Class Form1
```

```
Private Sub ButtonExit_Click(sender As Object, e As EventArgs) Handles ButtonExit.Click  
End  
End Sub
```

```
Private Sub ButtonClear_Click(sender As Object, e As EventArgs) Handles ButtonClear.Click  
TextBoxValuex.Clear()  
TextBoxResult.Clear()  
End Sub
```

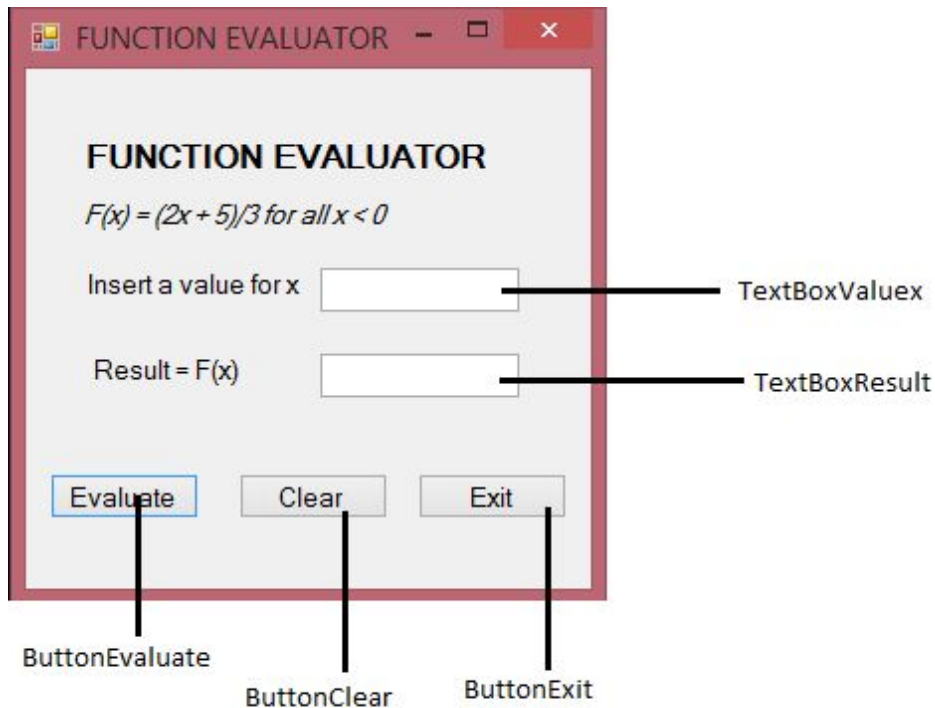
```

Private Sub ButtonEvaluate_Click(sender As Object, e As EventArgs) Handles
ButtonEvaluate.Click
    If Val(TextBoxValuex.Text) <= 0 Then
        TextBoxResult.Text = ""
        MsgBox("The value of x can not be less than or equal to 0", vbOKOnly + vbInformation)
    Else : TextBoxResult.Text = ((Val(TextBoxValuex.Text) ^ 2) - 5) / 2
    End If
End Sub
End Class

```

### For the second function:

1. The Design



2. Code

```

Public Class Form1
    Private Sub ButtonExit_Click(sender As Object, e As EventArgs) Handles ButtonExit.Click
        End
    End Sub
End Class

```

```
Private Sub ButtonClear_Click(sender As Object, e As EventArgs) Handles ButtonClear.Click
    TextBoxValuex.Clear()
    TextBoxResult.Clear()
End Sub
```

```
Private Sub ButtonEvaluate_Click(sender As Object, e As EventArgs) Handles
ButtonEvaluate.Click
    If Val(TextBoxValuex.Text) >= 0 Then
        TextBoxResult.Text = ""
        MsgBox("The value of x can not be greater than or equal to 0", vbOKOnly +
vbInformation)
    Else : TextBoxResult.Text = ((Val(TextBoxValuex.Text) * 2) + 5) / 3
    End If
End Sub
End Class
```



