

Assignment- 14

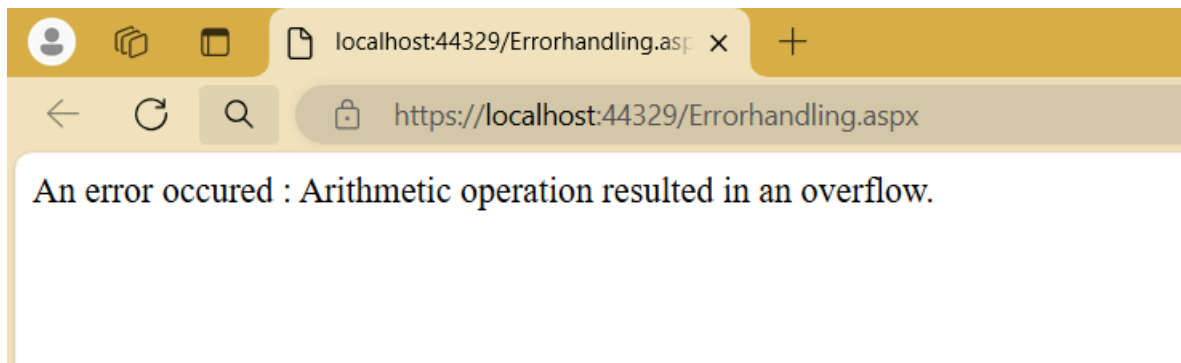
Q 1. Create web page using ASP.NET that Handle Unstructured Error.

1) On Error GoTo <Line> statement

ErrorHandling.aspx.vb

```
Public Class Errorhandling
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        Dim num1 As Integer = 200
        Dim num2 As Integer = 0
        On Error GoTo ErrorHandler 'sets up an error handler. If an error
'occurs during execution, control is transferred to the ErrorHandler label.
        Dim res As Integer = num1 / num2
        Response.Write("Answer: " & res)
ErrorHandler:
        Response.Write("An error occurred : " & Err.Description)
    End Sub
End Class
```

Output: -



2) On Error Resume Statement

Test.aspx.vb

```
Public Class test
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        On Error Resume Next 'ignore errors and continue executing
the next line of code. If denum is zero or if there is any error in
the division, it will be ignored due to On Error Resume Next
statement.
        Dim n1 As Integer = 2
        Dim n2 As Integer = 0
        Dim res As Integer = n1 / n2
        Response.Write("Answer:" & res & "<br/>")
        Response.Write("program continues execution after an exception
raised.")
        If Err.Number <> 0 Then
```

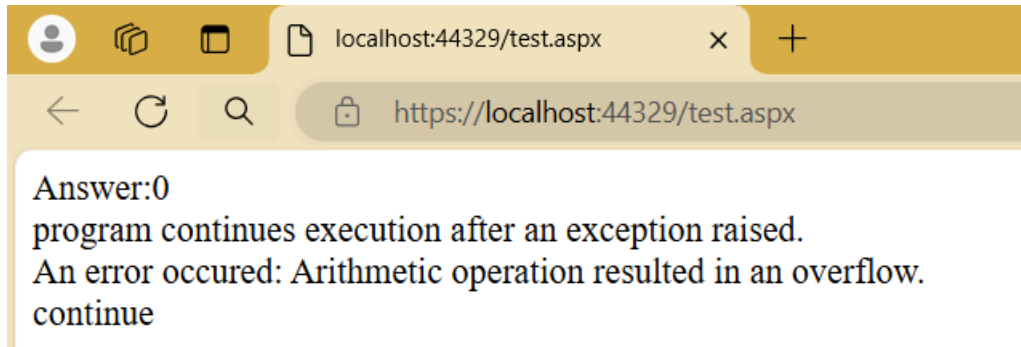
Name: Mansi Prasad

```

        Response.Write("<br/> An error occurred: " &
Err.Description)
        Err.Clear()
    End If
    Response.Write("<br/> continue")
End Sub
End Class

```

Output: -



3) On Error GoTo 0 Statement

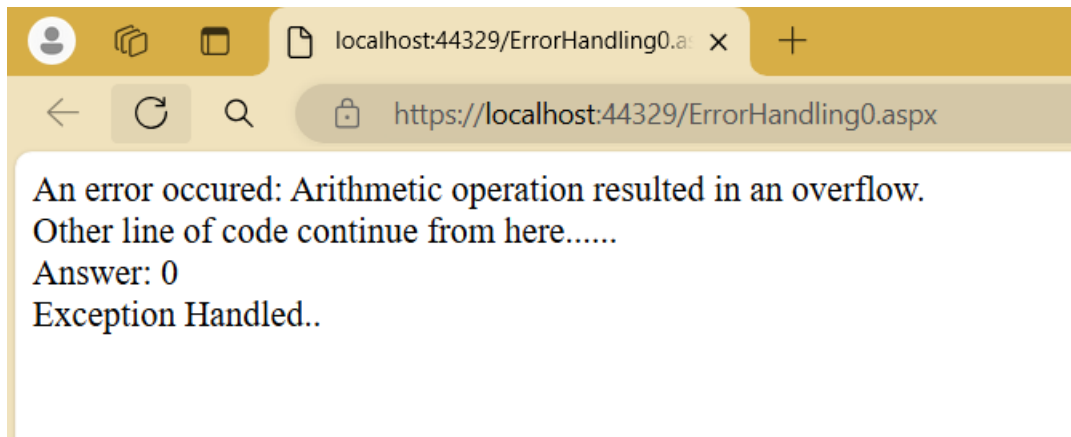
ErrorHandling0.aspx.vb

```

Public Class WebForm1
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        On Error GoTo ErrorHandler
        Dim n1 As Integer = 344
        Dim n2 As Integer = 0
        Dim res As Integer = n1 / n2
        Response.Write("Answer: " & res & "<br/>")
        Response.Write("Exception Handled..")
        ' if an error occurs after On Error GoTo 0 is executed, it
will not be handled by the previous On Error GoTo error handler.
        On Error GoTo 0 'disables any active error handling, but it
will not affect the code that has already executed or the code that
follows immediately after the error handling
        Exit Sub
ErrorHandler:
    Response.Write("An error occurred: " & Err.Description &
"<br/>")
    Err.Clear()
    Response.Write("Other line of code continue from here....." &
"<br/>")
    Resume Next 'allows to continue execution from the statement
immediately following the line that caused the error.
End Sub
End Class

```

Output: -



4) On Error GoTo -1 statement

ErrorHandling_1.aspx.vb

```
Public Class ErrorHandling_1
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        Dim n1 As Double = 99
        Dim result As Double
        On Error GoTo ErrorHandler2
        result = n1 / 0 ' This will jump to the ErrorHandler2 label
        On Error GoTo -1 'Completely clears all active error handling
ErrorHandler2:
        Response.Write("An error occurred: " & Err.Description &
"<br/>")
        Response.Write("program continues from here.....")

        On Error GoTo ErrorHandler1
        result = n1 / 0 ' This will jump to the ErrorHandler1 label
        Exit Sub
ErrorHandler1:
        Response.Write("An error occurred: " & Err.Description &
"<br/>")
        Response.Write("program continues from here.....")
    End Sub
End Class
```

Output: -

