Q. W.A.P. For Form Registration.

* Code:

Imports System.Text.RegularExpressions

Public Class Form1

Public Function checkname(ByVal name As String) As Boolean

Dim a As Byte

If name = "" Then

Return False

End If

For a = 0 To Len(name) - 1

If IsNumeric(name(a)) Then

Return False

End If

Next

Return True

End Function

Public Function check\_number(ByVal number As String) As Boolean

If number = "" Then

Return False

ElseIf Len(number) < 10 Then

Return False

Else

Return True

End If

End Function

Public Function checkEmail(ByVal email As String) As Boolean

Dim patten As String = "^[a-zA-Z][\w\.-]\*[a-zA-Z0-9]@[a-zA-Z0-9][\w\.-]\*[a-zA-Z0-9]\.[a-zA-Z][a-zA-Z\.]\*[a-zA-Z]$"

Dim match\_email As Match = Regex.Match(email, patten)

If match\_email.Success Then

Return True

Else

Return False

End If

End Function

Public Function check\_form(ByVal name As String, ByVal age As String, ByVal email As String, ByVal number As String) As Boolean

If Not check\_number(number) Then

MsgBox("Invalid Number")

Return False

ElseIf Not checkEmail(email) Then

MsgBox("Invalid Email")

Return False

ElseIf Not checkname(name) Then

MsgBox("Invalid Name")

Return False

ElseIf age = "" Or age < 1 Then

MsgBox("Invalid Age")

Return False

Else

Return True

End If

End Function

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If check\_form(TextBox1.Text, TextBox2.Text, TextBox4.Text, TextBox5.Text) Then

Dim hob(5), gen As String

Dim i As Byte = 0

Dim a As Byte

For Each b As RadioButton In GroupBox1.Controls.OfType(Of RadioButton)()

If b.Checked = True Then

gen = b.Text

End If

Next

For Each c As CheckBox In GroupBox2.Controls.OfType(Of CheckBox)()

If c.Checked Then

hob(i) = c.Text

End If

i += 1

Next

For a = 0 To i - 1

If hob(a) = "" Then

Continue For

Else

MsgBox(hob(a))

End If

Next

MsgBox("Your Form Is Submited.")

MsgBox("Name Is: " & TextBox1.Text & vbCrLf & "Age Is: " & TextBox2.Text & vbCrLf & "date Of Birth is: " & DateTimePicker1.Value & vbCrLf & "E-Mail: " & TextBox4.Text & vbCrLf & "Phone Number is: " & TextBox5.Text & vbCrLf & "Gender Is: " & gen)

End If

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Me.BackgroundImage = Image.FromFile("C:\Users\Ashish\Desktop\bca assingments\sem-4\vb\FormValidation\bg.png")

End Sub

End Class

* Output:











