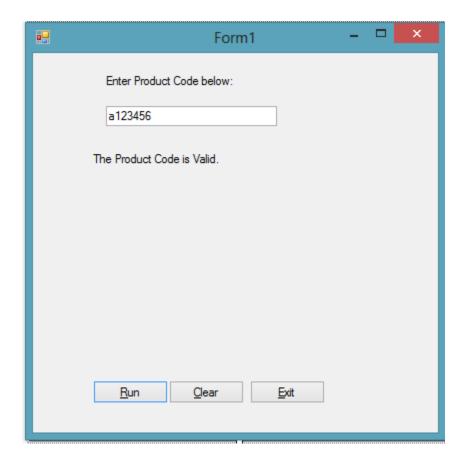
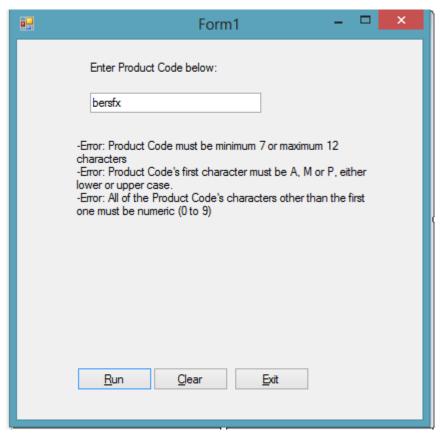
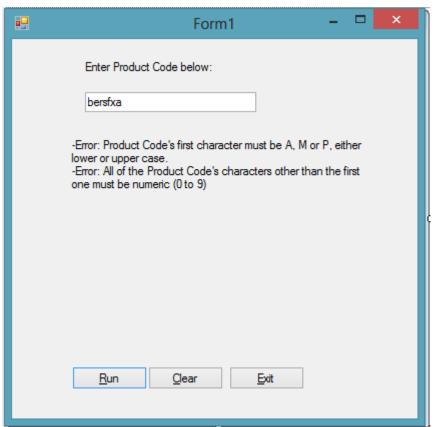
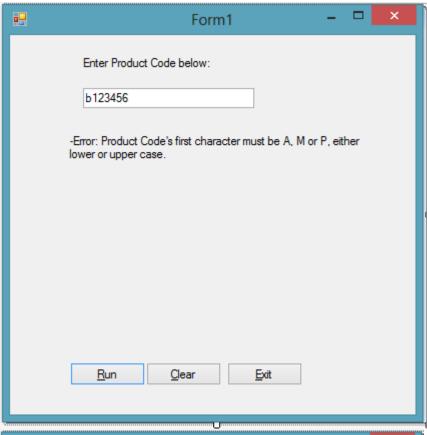
Question 1:

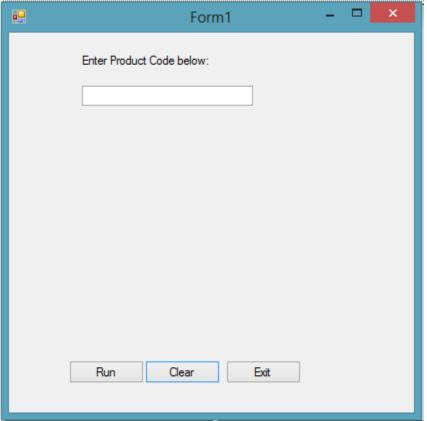
```
Public Class Form1
                       'Ilker Hadzhalaran
   Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
       txtInputProductCode.Clear()
    End Sub
   Private Sub btnRun_Click(sender As Object, e As EventArgs) Handles btnRun.Click
        Dim strProductCode As String
       Dim blnAllValid As Boolean = True
       lblDisplayResults.Text = String.Empty
       strProductCode = CStr(txtInputProductCode.Text)
       If Not (strProductCode.Length >= 7 And strProductCode.Length <= 12) Then</pre>
            lblDisplayResults.Text &= "-Error: Product Code must be minimum 7 or maximum
12 characters" & vbCr
            blnAllValid = False
       End If
       If strProductCode.Substring(0, 1).ToUpper() <> "A" And
strProductCode.Substring(0, 1).ToUpper() <> "M" And strProductCode.Substring(0,
1).ToUpper() <> "P" Then
            lblDisplayResults.Text &= "-Error: Product Code's first character must be A,
M or P, either lower or upper case." & vbCr
           blnAllValid = False
       End If
       If Not IsNumeric(strProductCode.Substring(1)) Then
            lblDisplayResults.Text &= "-Error: All of the Product Code's characters other
than the first one must be numeric (0 to 9)" & vbCr
           blnAllValid = False
       End If
       If blnAllValid = True Then
            lblDisplayResults.Text = "The Product Code is Valid."
       End If
    End Sub
   Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
       txtInputProductCode.Clear()
```











Question 2:

```
Public Class Form1
                    'Ilker Hadzhalaran
   Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
       Me.Close()
   End Sub
   Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
        txtUserInput.Clear()
        lblDisplayResult.Text = String.Empty
   End Sub
   Private Sub btnValidate Click(sender As Object, e As EventArgs) Handles
btnValidate.Click
        Dim strPhoneNumber
        Dim intIndividualNumber As Integer
        Dim blnPhoneNumberIsValid As Boolean = True
        strPhoneNumber = txtUserInput.Text
        If Not (Integer.TryParse(strPhoneNumber.Substring(1, 1), intIndividualNumber) And
0 < CInt(strPhoneNumber.Substring(1, 1)) <= 9 And CInt(strPhoneNumber.Substring(1, 1)) <>
0) Then
            blnPhoneNumberIsValid = False
        End If
        If Not (Integer.TryParse(strPhoneNumber.Substring(2, 1), intIndividualNumber) And
0 <= strPhoneNumber.Substring(2, 1) <= 9) Then</pre>
            blnPhoneNumberIsValid = False
        End If
        If Not (Integer.TryParse(strPhoneNumber.Substring(3, 1), intIndividualNumber) And
0 <= strPhoneNumber.Substring(3, 1) <= 9) Then</pre>
            blnPhoneNumberIsValid = False
        If Not (Integer.TryParse(strPhoneNumber.Substring(6, 1), intIndividualNumber) And
0 <= strPhoneNumber.Substring(6, 1) <= 9) Then</pre>
            blnPhoneNumberIsValid = False
        End If
        If Not (Integer.TryParse(strPhoneNumber.Substring(7, 1), intIndividualNumber) And
0 <= strPhoneNumber.Substring(7, 1) <= 9) Then</pre>
            blnPhoneNumberIsValid = False
```

```
End If
```

```
If Not (Integer.TryParse(strPhoneNumber.Substring(8, 1), intIndividualNumber) And
0 <= strPhoneNumber.Substring(8, 1) <= 9) Then
            blnPhoneNumberIsValid = False
        End If
       If Not (Integer.TryParse(strPhoneNumber.Substring(10, 1), intIndividualNumber)
And 0 <= strPhoneNumber.Substring(10, 1) <= 9) Then
            blnPhoneNumberIsValid = False
       End If
        If Not (Integer.TryParse(strPhoneNumber.Substring(11, 1), intIndividualNumber)
And 0 <= strPhoneNumber.Substring(11, 1) <= 9) Then
            blnPhoneNumberIsValid = False
       End If
        If Not (Integer.TryParse(strPhoneNumber.Substring(12, 1), intIndividualNumber)
And 0 <= strPhoneNumber.Substring(12, 1) <= 9) Then
            blnPhoneNumberIsValid = False
        End If
       If Not (Integer.TryParse(strPhoneNumber.Substring(13, 1), intIndividualNumber)
And 0 <= strPhoneNumber.Substring(13, 1) <= 9) Then
            blnPhoneNumberIsValid = False
       End If
       If Not strPhoneNumber.Substring(0, 1) = "(" Then
            blnPhoneNumberIsValid = False
       End If
       If Not strPhoneNumber.Substring(4, 1) = ")" Then
            blnPhoneNumberIsValid = False
       End If
       If Not strPhoneNumber.Substring(5, 1) = " " Then
            blnPhoneNumberIsValid = False
       End If
        If Not strPhoneNumber.Substring(9, 1) = "-" Then
            blnPhoneNumberIsValid = False
```

