Alarm System:
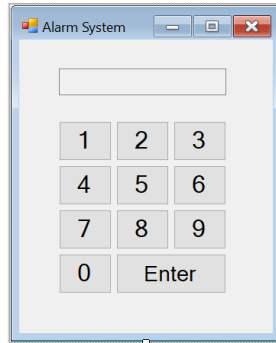
Design Window:

Code:

```vb
Public Class Form1
    Dim password As String = ""
    Dim attempts As String = 4
    Private Sub btnEnter_Click(sender As Object, e As EventArgs) Handles btnEnter.Click

        Const KEY As String = "62498"
        Const KEY_LEN As Integer = 5

        If password = KEY Then   'Correct Entry
            MessageBox.Show("Password Correct! Alarm Disabled")
            Application.Exit()
        ElseIf Len(password) = KEY_LEN Then   'Incorrect Entry
            attempts -= 1
            If attempts = 0 Then
                MessageBox.Show("Too many incorrect tries. Sorry")
                Application.Exit()
            End If
            MessageBox.Show("Incorrect. Try Again. " & attempts & " attempts remaining.")
            txtPW.Text = Nothing
            password = ""

        Else                     'Incomplete Entry
            attempts -= 1
            If attempts = 0 Then
                MessageBox.Show("Too many incorrect tries. Sorry")
                Application.Exit()
            End If
            MessageBox.Show("Please Enter a 5 digit code. " & attempts & " attempts remaining.")
            txtPW.Text = Nothing
            password = ""
        End If
    End Sub

    'Digit Buttons
    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        password = password & "1"
```

```vb
        txtPW.Text = password
    End Sub

    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        password = password & "2"
        txtPW.Text = password
    End Sub

    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
        password = password & "3"
        txtPW.Text = password
    End Sub

    Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
        password = password & "4"
        txtPW.Text = password
    End Sub

    Private Sub Button5_Click(sender As Object, e As EventArgs) Handles Button5.Click
        password = password & "5"
        txtPW.Text = password
    End Sub

    Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
        password = password & "6"
        txtPW.Text = password
    End Sub

    Private Sub Button7_Click(sender As Object, e As EventArgs) Handles Button7.Click
        password = password & "7"
        txtPW.Text = password
    End Sub

    Private Sub Button8_Click(sender As Object, e As EventArgs) Handles Button8.Click
        password = password & "8"
        txtPW.Text = password
    End Sub

    Private Sub Button9_Click(sender As Object, e As EventArgs) Handles Button9.Click
        password = password & "9"
        txtPW.Text = password
    End Sub

    Private Sub Button0_Click(sender As Object, e As EventArgs) Handles Button0.Click
        password = password & "0"
        txtPW.Text = password
    End Sub
End Class
```