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1  ' Name:      Password Project
2  ' Purpose:   Create a password.
3  ' Programmer: <Keteyian Cade> on <4-12-2023>
4
5  Option Explicit On
6  Option Strict On
7  Option Infer Off
8
9  Public Class frmMain
10     Private Sub btnCreate_Click(sender As Object, e As EventArgs) Handles btnCreate.Click
11         ' Create a password.
12
13         Dim strWords As String
14         Dim strPassword As String
15         Dim intSpaceIndex As Integer
16
17         strWords = txtWords.Text.Trim
18
19         If strWords <> String.Empty Then
20             ' Assign the first character as the password.
21             strPassword = strWords(0)
22             ' Search for the first space in the input.
23             intSpaceIndex = strWords.IndexOf(" ")
24
25             Do Until intSpaceIndex = -1
26                 ' Concatenate the character that follows
27                 ' the space to the password.
28                 strPassword = strPassword & strWords(intSpaceIndex + 1)
29                 ' Search for the next space.
30                 intSpaceIndex = strWords.IndexOf(" ", intSpaceIndex + 1)
31             Loop
32
33             ' Insert the number after the first character.
34             strPassword = strPassword.Insert(1, strPassword.Length.ToString)
35             ' Display the final password.
36             lblPassword.Text = strPassword
37         End If
38     End Sub
39
40     Private Sub txtWords_Enter(sender As Object, e As EventArgs) Handles txtWords.Enter
41         txtWords.SelectAll()
42     End Sub
43
44     Private Sub txtWords_TextChanged(sender As Object, e As EventArgs) Handles txtWords.TextChanged
45         lblPassword.Text = String.Empty
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46     End Sub
47
48     Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles 
49         btnExit.Click
49         Me.Close()
50     End Sub
51
52     Private Sub frmMain_Load(sender As Object, e As EventArgs) Handles 
53         MyBase.Load
53
54     End Sub
55 End Class
56
```