





```
1  ' Name:          Capstone Project 5
2  ' Purpose:       To display an investors investment and be able to
    manipulate data
3  ' Programmer:    Vinni Vongnaraj on 3/13/23
4
5  Option Strict On
6  Option Explicit On
7  Option Infer Off
8
9  Imports System.IO
10
11
12  Public Class frmMain
13      Dim filepath As String
14      Dim Open As New OpenFileDialog()
15      Dim myStreamReader As System.IO.StreamReader
16
17
18      Private Sub frmMain_Load(sender As Object, e As EventArgs) Handles
        MyBase.Load
19
20      End Sub
21
22      Private Sub FileToolStripMenuItem_Click(sender As Object, e As
        EventArgs) Handles FileToolStripMenuItem.Click
23
24          Open.Filter = "Text [*.txt*]|*.txt|All Files [*.*)|*.*"
25          Open.CheckFileExists = True
26          Open.Title = "OpenFile"
27          Open.ShowDialog(Me)
28
29          Try
30              Open.OpenFile()
31              filepath = Open.FileName
32              For Each line As String In File.ReadAllLines(Open.FileName)
33                  lstOgData.Items.Add(line)
34                  If IsNumeric(line) Then
35                      Else
36                          lstInvestors.Items.Add(line)
37                      End If
38                  Next
39              Catch ex As Exception
40                  MsgBox(ex.Message, MsgBoxStyle.Information)
41              End Try
42              Open.OpenFile.Close()
43              TotalInvestors()
44
45      End Sub
46
```

```
47 Private Sub btnRemove_Click(sender As Object, e As EventArgs) Handles 
    btnRemove.Click
48     Dim investIndex As Integer = lstInvestors.SelectedIndex * 3
49     Dim content As String = ""
50
51
52
53     If investIndex < 0 Then
54         investIndex = 0
55     End If
56     For i As Integer = lstInvestors.SelectedItems.Count - 1 To 0 
57         Step -1
58         lstInvestors.Items.Remove(lstInvestors.SelectedItems(i))
59         lstOgData.Items.Remove(lstOgData.Items(investIndex + 2))
60         lstOgData.Items.Remove(lstOgData.Items(investIndex + 1))
61         lstOgData.Items.Remove(lstOgData.Items(investIndex))
62     Next
63
64     For Each item As String In lstOgData.Items
65         content += item
66     Next
67
68
69     File.WriteAllText(filepath, content.ToString)
70     UpdateFile()
71     TotalInvestors()
72
73 End Sub
74
75 Private Sub Button1_Click(sender As Object, e As EventArgs) Handles 
76     btnAdd.Click
77     File.AppendAllText(filepath,
78         TextBox1.Text & ControlChars.NewLine &
79         TextBox2.Text & ControlChars.NewLine &
80         TextBox3.Text & ControlChars.NewLine)
81     UpdateFile()
82 End Sub
83
84 Private Sub Button2_Click(sender As Object, e As EventArgs) Handles 
85     btnInfo.Click
86
87     Dim investors As Integer = lstInvestors.SelectedIndex * 3
88     Label1.Text = "$" & lstOgData.Items(investors + 1).ToString
89     Label2.Text = lstOgData.Items(investors + 2).ToString & "%"
90     TotalInvestors()
91 End Sub
```

```
92     Public Function UpdateFile() As VariantType
93         lstInvestors.Items.Clear()
94         lstOgData.Items.Clear()
95         For Each line As String In File.ReadAllLines(Open.FileName)
96             lstOgData.Items.Add(line)
97         Next
98         For Each item As String In lstOgData.Items
99
100             If IsNumeric(item) Then
101                 Else
102                     lstInvestors.Items.Add(item)
103                 End If
104             Next
105             Return vbNull
106             Open.OpenFile.Close()
107         End Function
108     Public Function TotalInvestors() As VariantType
109         Label3.Text = lstInvestors.Items.Count.ToString & " Total
110                     Investors"
111         Return vbNull
112     End Function
113 End Class
114
```