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1 Public Class Form1
2     'MEMO TEST 2 2016
3     'Declaring arrays explicitly
4     Dim FullName() As String = {"Tshigomana MD", "Mulaudzi VB", "Nephawe LJ", "Mudau AG", "Sigama DQ",
5     , "Gangashe GV", "Harmse KB", "Bulala ZD", "Makhavhu PJ"}
6     Dim EngMark() As Integer = {38, 50, 53, 78, 41, 41, 25, 58, 63, 49}
7     Dim MathMark() As Integer = {34, 50, 20, 23, 41, 69, 25, 58, 63, 10}
8     Dim PCPMark() As Integer = {72, 50, 20, 69, 41, 96, 50, 58, 37, 75}
9     Dim SADMark() As Integer = {27, 50, 20, 44, 14, 96, 25, 58, 39, 17}
10    Dim LO() As Integer = {52, 50, 100, 63, 14, 96, 69, 45, 30, 68}
11
12    'Declare the accumulators
13    Dim EngTotal As Integer = 0
14    Dim MathsTotal As Integer = 0
15    Dim PCPTotal As Integer = 0
16    Dim SADTotal As Integer = 0
17    Dim LOTotal As Integer = 0
18
19    'A procedure to add a line
20    Public Sub AddLine()
21        lstDisplay.Items.Add("-----")
22    End Sub
23
24    'A procedure to clear the listbox
25    Public Sub subClear()
26        'Clear the listbox
27        lstDisplay.Items.Clear()
28        'Add heading
29        'Adding headings
30        lstDisplay.Items.Add("FULLNAME".PadRight(25) & "ENG".PadRight(10) & "MATHS".PadRight(10) &
31        "PCP".PadRight(10) & "SAD".PadRight(10) & "LO")
32        'Add a line
33        'Add a line
34        Call AddLine()
35
36        'Reset Totals
37        EngTotal = 0
38        MathsTotal = 0
39        PCPTotal = 0
40        SADTotal = 0
41        LOTotal = 0
42
43        'Enable btnDisplay
44        btnDisplay.Enabled = True
45    End Sub
46
47    Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
48        btnExit.Click
49        'Close the application
50        Me.Close()
51    End Sub
52
53    Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.
54        Load
55        'Adding headings
56        lstDisplay.Items.Add("FULLNAME".PadRight(25) & "ENG".PadRight(10) & "MATHS".PadRight(10) &
57        "PCP".PadRight(10) & "SAD".PadRight(10) & "LO")
58        'Add a line
59        Call AddLine()
60    End Sub
61
62    Private Sub btnDisplay_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
63        btnDisplay.Click
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60     ' Display in the listbox
61     For i As Integer = LBound(FullName) To UBound(FullName)
62         lstDisplay.Items.Add(FullName(i).PadRight(25) & EngMark(i).ToString.PadRight(10) &
MathMark(i).ToString.PadRight(10) & PCPMark(i).ToString.PadRight(10) & SADMark(i).ToString.
PadRight(10) & LO(i))
63
64         ' Calculating Totals for each subject
65         EngTotal = EngTotal + EngMark(i)
66         MathsTotal = MathsTotal + MathMark(i)
67         PCPTotal = PCPTotal + PCPMark(i)
68         SADTotal = SADTotal + SADMark(i)
69         LOTotal = LOTotal + LO(i)
70
71     Next
72
73     ' Add a line
74     Call AddLine()
75
76     ' Display the totals
77     lstDisplay.Items.Add("TOTAL :".PadRight(25) & EngTotal.ToString.PadRight(10) & MathsTotal.
ToString.PadRight(10) & PCPTotal.ToString.PadRight(10) & SADTotal.ToString.PadRight(10) &
LOTotal)
78
79     ' Add a line
80     Call AddLine()
81
82     ' Calculate Average
83     Dim MathsAverage As Decimal
84     MathsAverage = PCPTotal / 10
85
86     ' Display Average for PCP
87     lstDisplay.Items.Add(".....AVERAGE PCP : " & MathsAverage)
88
89     ' Disable a listbox
90     btnDisplay.Enabled = False
91
92     ' Using for loop create 20 spaces
93     ' Add your Name when i=20
94
95     For j As Integer = 0 To 8
96         lstDisplay.Items.Add("")
97     Next
98     lstDisplay.Items.Add("Programmer: Tshigomana MD.....Date: " & Now())
99
100 End Sub
101
102 Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
btnClear.Click
103     ' Clear the listbox
104     Call subClear()
105 End Sub
106 End Class
107
```