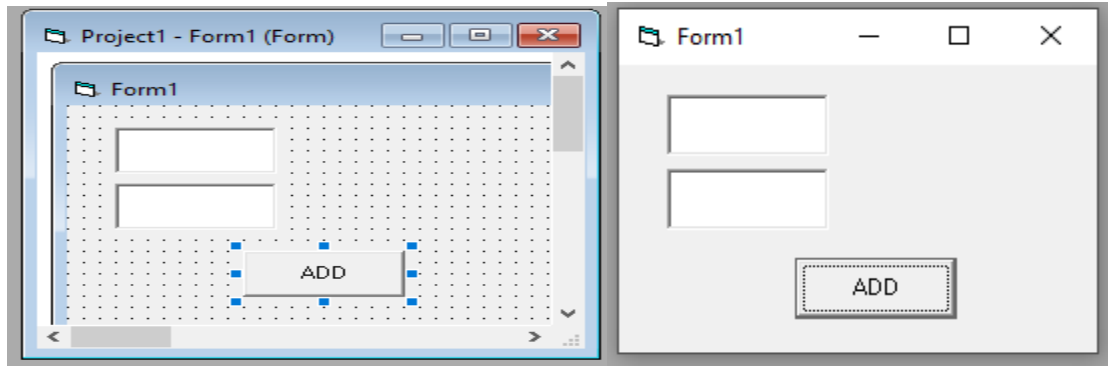


Lecture No 17 and 18:

Programme for types of variable Integer, Long and Single:

Integer:



```
Private Sub Command1_Click()
```

```
Dim A As Single
```

```
Dim B As Single
```

```
A = Text1.Text
```

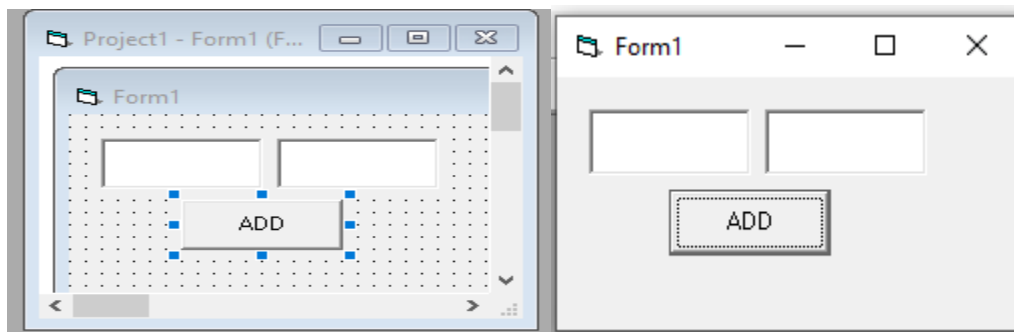
```
B = Text2.Text
```

```
C = A + B
```

```
MsgBox ("A+B=" & C)
```

```
End Sub
```

Long:



```
Private Sub Command1_Click()
```

```
Dim A As Single
```

```
Dim B As Single
```

```
A = Text1.Text
```

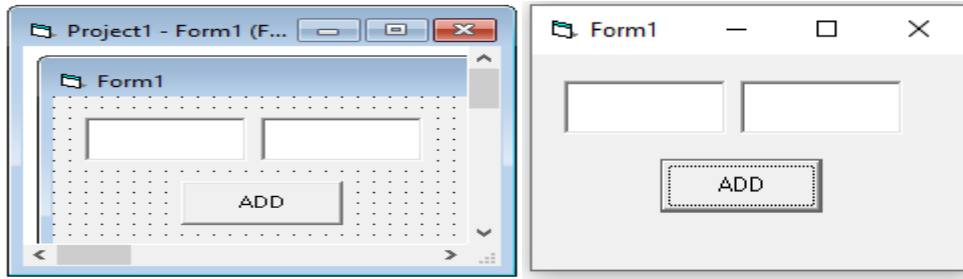
```
B = Text2.Text
```

```
C = A + B
```

```
MsgBox ("A+B=" & C)
```

```
End Sub
```

Single:



```
Private Sub Command1_Click()
```

```
Dim A As Single
```

```
Dim B As Single
```

```
A = Text1.Text
```

```
B = Text2.Text
```

```
C = A + B
```

```
MsgBox ("A+B=" & C)
```

```
End Sub
```

Programme for results, using If-Ifelse Statement, Print subjects which are fails.

The image displays two states of a Visual Basic form named 'Form1'. The left state is the design view, showing a grid with labels for 'English', 'Math', and 'Statistics', each followed by an empty text box. Below these are two more empty text boxes and a button labeled 'Press for Result'. The right state is the run-time view, where the text boxes contain the values '45', '65', and '98'. Below these, the first text box now contains 'Fail' and the second contains 'English'. The 'Press for Result' button remains at the bottom right.

```
Private Sub Command1_Click()
```

```
Dim eng As Integer
```

```
Dim math As Integer
```

```
Dim stat As Integer
```

```
Dim Result As String
```

```
Dim Remarks As String
```

```
eng = Text1.Text
```

```
math = Text2.Text
```

```
stat = Text3.Text
```

```
If eng >= 50 And math >= 50 And stat >= 50 Then
```

```
Result = "Pass"
```

```
ElseIf eng >= 50 And math >= 50 And stat < 50 Then
```

```
Result = "Fail"
```

```
Remarks = "Statistics"
```

```
ElseIf eng >= 50 And math < 50 And stat >= 50 Then
```

```
Result = "Fail"
```

```
Remarks = "Math"
ElseIf eng < 50 And math >= 50 And stat >= 50 Then
Result = "Fail"
Remarks = "English"
ElseIf eng < 50 And math < 50 And stat >= 50 Then
Result = "Fail"
Remarks = "English,Math"
ElseIf eng < 50 And math >= 50 And stat < 50 Then
Result = "Fail"
Remarks = "Eng,statistics"
ElseIf eng >= 50 And math < 50 And stat < 50 Then
Result = "Fail"
Remarks = "Math,Statistics"
Else
Results = "Fail"
Remarks = "English,Math,Statistics"
End If
Text4.Text = Result
Text5.Text = Remarks
End Sub
```

