



Flags

- A **flag** is a variable that keeps track of whether a certain situation has occurred.
- The data type most suited to flags is **Boolean**.



Lab sheet 6.5: Login Form

Login

Word Analysis

Username Please

OK

Cancel

Word Analysis

Password Please

OK

Cancel



Lab sheet 6.5 : Login Form - Code

```
Dim username, password As String  
Dim LoginSuccess As Boolean = False
```

```
Do Until LoginSuccess = True  
    username = InputBox("Username Please")  
    password = InputBox("Password Please")
```

```
    If username = "Peter" And password = "1234" Then  
        LoginSuccess = True  
    End If  
Loop
```

```
MsgBox("Login success")
```



More About Flags

When *flagVar* is a variable of Boolean type, the statements

If flagVar = True Then

and

If flagVar = False Then

can be replaced by

If flagVar Then

and

If Not flagVar Then



Example: Login Form - Code

```
Dim username, password As String  
Dim LoginSuccess As Boolean = False
```

```
Do Until LoginSuccess = True  
    username = InputBox("Username Please")  
    password = InputBox("Password Please")  
  
    If username = "Peter" And password = "1234" Then  
        LoginSuccess = True  
    End If  
MsgBox("Login success")
```



Flags continued

The statements

Do While flagVar = True

and

Do While flagVar = False

can be replaced by

Do While flagVar

and

Do While Not flagVar

