

## (Part II) Solutions Lab-session 7

### 1) Sub Logoff()

```
ret = MsgBox(Prompt:="Do you want to log off?", Buttons:=3, Title:="City Computing")
If ret = 6 Then
    ret = MsgBox(Prompt:="Bye", Buttons:=0, Title:="City Computing")
ElseIf ret = 7 Then
    ret = MsgBox(Prompt:="Continue", Buttons:=0, Title:="City Computing")
ElseIf ret = 2 Then
    ret = MsgBox(Prompt:="You have to decide!", Buttons:=0, Title:="City Computing")
End If
End Sub
```

### 2) Sub Hyperaction()

```
With Worksheets(1)
    .Hyperlinks.Add .Range("d5"), "http://www.city.ac.uk/"
    .Hyperlinks.Add .Range("d6"), "http://www.google.com/"
    .Hyperlinks.Add .Range("d7"), "http://www.londontown.com/"
End With
,
x = InputBox("Select your destination", "Open new browser window")
If (x = 1) Then
    Range("d5").Hyperlinks(1).Follow NewWindow:=True
ElseIf (x = 2) Then
    Range("d6").Hyperlinks(1).Follow NewWindow:=True
ElseIf (x = 3) Then
    Range("d7").Hyperlinks(1).Follow NewWindow:=True
Else
    ret = MsgBox(Prompt:="You have to use 1,2 or 3!", Buttons:=0, Title:="City Computing")
End If
End Sub
```

### 3) Sub Interactivesin()

```
Dim y As Single
Dim t As String
x = InputBox("Type an x-value", "Computation of sin(x):")
t = "The sin of " & x & " is: "
y = FormatNumber(Sin(x), 5)
ret = MsgBox(Prompt:=y, Buttons:=0, Title:=t)
' 0 is an OK button
End Sub
```

```

Sub GoToInteractivesin()
    Dim y As Single
    Dim t As String
newinput:
    x = InputBox("Type an x-value", "Computation of sin(x):")
    t = "The sin of " & x & " is: "
    y = FormatNumber(Sin(x), 5)
    ret = MsgBox(Prompt:=y, Buttons:=5, Title:=t)
' 5 is a retry and cancel button
    If ret = 4 Then GoTo newinput
' 4 is the value returned when retry button is clicked
End Sub

```

```

4) Sub Buttontest()
    Dim x As Integer
    Dim p As String
newinput:
    x = InputBox("Type a value between 0 and 5", "Select your style!")
    p = "This is style: " & x
    ret = MsgBox(Prompt:=p, Buttons:=x + vbInformation, Title:="Message button test")
    Range("A1").Value = "The return value of the message box is: " & ret
' 2 can only be returned for a style which has a cancel button
    If ret <> 2 Then GoTo newinput
End Sub

```