

(Part II) Solutions Lab-session 5

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 Comput-
ing")
    ElseIf ret = 2 Then
        ret = MsgBox(Prompt:="You have to decide!", Buttons:=0, Title:="City
Computing")
    End If
End Sub
```

2) 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
```

```

3) 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 but-
ton 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

```