

Soultion
Assignment # 2
Human Computer Interfacing

Using the controls in VB.NET design the following interface. Use radio buttons, combo boxes and text boxes. With each of the text box for date, provide a button and name the form as FormSelectFlight.

The screenshot shows a flight selection form with the following elements:

- Two radio buttons at the top: "Round trip" (selected) and "One-way".
- Two labels: "Leaving From:" and "Going To:".
- Two dropdown menus: "Karachi" under "Leaving From:" and "Islamabad" under "Going To:".
- Three columns for passenger counts:
 - Adults (12+yrs)**: A dropdown menu showing "1".
 - Children (2-11 yrs)**: A dropdown menu showing "0".
 - Infants (<2yrs)**: A dropdown menu showing "0".
- Two date labels: "Departing on:" and "Returning on:".
- Two text boxes for dates: "8-MAR-2010" under "Departing on:" and "9-MAR-2010" under "Returning on:".

Design two separate forms with calendar and two buttons. Call them FormDepDate and FromRetDate respectively.

The screenshot shows a "Select Date" dialog box with a calendar for March 2010. The calendar is a grid with days of the week (lun., mar., mer., jeu., ven., sam., dim.) and dates (1-31). The date "7" is highlighted in a blue box. Below the calendar, there is a text box containing "Aujourd'hui : 07/03/2010". At the bottom, there are two buttons: "OK" and "Cancel".

Declare two public variables corresponding to the two text boxes for dates:

```
Public tbDepDate As TextBox  
Public tbRetDate As TextBox
```

We will access them from the calendar forms to update the text boxes in FormSelectFlight.

The button next to departure date will invoke date selection form :

```
Dim result As Integer = FormDepDate.ShowDialog()  
If result = Windows.Forms.DialogResult.OK Then  
    textBoxDepDate.Text = tbDepDate.Text  
  
End If
```

Similarly write the code for invoking the form FormRetDate.

From the calendar form you have to update the date text box in the main form. You may do this as follows:

```
FormSelectFlight.tbDepDate.Text =  
MonthCalendarDepDate.SelectionStart  
  
Me.Close()
```

Finally display a summary of the information in different fields of FormSelectFlight.