

INFORMATION SYSTEMS IIA 2015

10 March

For this week, you will be covering the following:

- multiple forms
- login and password validation

To start, Create a new project in C#.

multiple forms

To create additional forms in the program, you right click on the Solution Explorer project file name (the one in bold) – Add – Windows Form – give the different forms meaningful names (for this program I suggest Login (which would normally be Form1 that you should rename at the beginning), Admin and Booking; you need 3 forms); click Add each time.

To move from form to form you need to declare an instance of the new form, take away the current form and show the new form. The code for this is (to show the Booking form – you need to change as necessary to move from form to form):

```
// declares a new instance of the Booking form (which, by default, is not visible)
    Booking NewBooking = new Booking();
// makes the current form "invisible"
    this.Visible = false;
// shows the new instance of the Booking form
    NewBooking.ShowDialog();
```

Each form should take up the entire screen when it is displayed (look for this in the Properties).

The Login form should have the menu items to Login, Clear and Exit. On this form you should have a combo box for a Login ID and a textbox for the password. The combo box should have the following items in the collection: Admin and Client.

The Admin form should have the menu items to Add, Clear and Return.

The Booking form should have the menu items to Make a Booking, Clear and Return.

login and password validation

Your code for the Login form should validate the password that is entered for each Login ID chosen (choose your own passwords). The password character should be an asterisk (*) – look in Properties. If an incorrect password is entered 3 times, the entire program should close. If the passwords are valid, go to the required form depending on the Login ID:

Admin	go to Admin form
Booking	go to Booking form

The Return menu option in the Admin and Booking forms, should return to the Login form.

Besides the menu items on the **Booking form**, you should include the following:

- a combo box for Shows (it should have the names of about 5 shows in the collection – choose your own – could be movies, concerts or theatre shows)
- a numeric up-down for the number of people
- a date-time picker for the date the show will be booked for
- 2 labels for messages that will be output giving details of the booking

Do not worry about the coding for the Admin and Booking forms yet, besides the code for the Return menu items.

This part of the program should be working by next Tuesday. We will be building on to it. You do not have to submit yet.