

2. Secondly, all the listeners interested in the XxxEvent must implement the XxxListener interface. That is, the listeners must provide their own implementations (i.e., programmed responses) to all the abstract methods declared in the XxxListener interface. In this way, the listener(s) can respond to these events appropriately.

Registration Methods

For registering the component with the Listener, many classes provide the registration methods.

For example:

- Button

```
public void addActionListener(ActionListener a){}
```

Java Event Handling Code

We can put the event handling code into one of the following places:

1. Within class
2. Other class
3. Anonymous class

Exercise

1. Write a program to design a Login Window as below using AWT Controls (Button, Label, Textfield)

With functionality of taking UserID and PW and check if it is “bits” and “bitspilani” and print “SCCEESS” or “FAILED”

