

Course Name: A Level (2nd Sem)

Topic: AWT(part 3)

Subject: JAVA

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Java AWT Label:

```
import java.awt.*;
class Label1 extends Frame {
public static void main(String args[]) {
    Frame f= new Frame("Label Example");
    Label l1,l2;
    l1=new Label("Name.");
    l1.setBounds(30,100, 100,30);
    l2=new Label("Roll number.");
    l2.setBounds(30,150, 100,30);
    f.add(l1);
    f.add(l2);
    f.setSize(400,400);
    f.setLayout(null);
    f.setVisible(true);
} }
```

← Creating Instance of of frame with Title

← Adding "l1" to frame, all the components have to be added like this.

AWT TextField:

```
import java.awt.*;

public class TextField1 extends Frame {
    public static void main(String args[]) {
        Frame f= new Frame("TEXTFIELD Example");
        TextField t1,t2;
        t1=new TextField();
        t1.setBounds(30,100, 100,30);
        t2=new TextField();
        t2.setBounds(30,140, 100,30);
        f.add(t1);
        f.add(t2);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
    }
}
```

AWT Checkbox:

```
import java.awt.*;
class CheckBoxExample extends Frame
{
    CheckBoxExample()
    {
        setLayout(new FlowLayout());
        Label lbl = new Label("Subjects");
        Checkbox chk1 = new Checkbox("Java");

        Checkbox chk2 = new Checkbox("Python ",true);

        Checkbox chk3 = new Checkbox("Ruby");
        add(lbl);
        add(chk1);
        add(chk2);
        add(chk3);
    }
}
class CheckBoxJavaExample
{
    public static void main(String args[])
    {
        CheckBoxExample frame = new CheckBoxExample();
        frame.setTitle("Checkbox Example");
        frame.setSize(350,100);

        frame.setResizable(false);

        frame.setVisible(true);
    }
}
```

A flow layout arranges components in a left-to-right flow and starts from center

true means it will be preselected, we can remove it also

setResizable(false) means the frame cannot be resized, we can remove it also.