

Java AWT Checkbox

The Checkbox class is used to create a checkbox. It is used to turn an option on (true) or off (false). Clicking on a Checkbox changes its state from "on" to "off" or from "off" to "on".

AWT Checkbox Class Declaration

```
public class Checkbox extends C
```

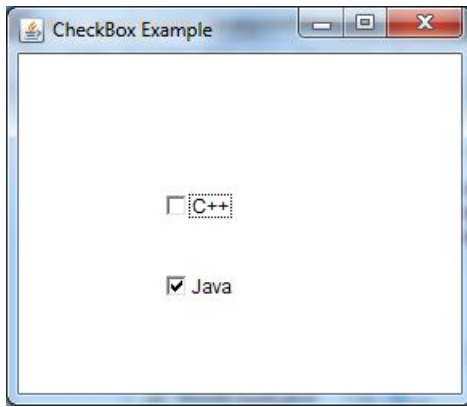
Java AWT Checkbox Example

```
import java.awt.*;

public class CheckboxExample
{
    CheckboxExample(){
        Frame f= new Frame("Checkb
        Checkbox checkbox1 = new
        checkbox1.setBounds(100,1
        Checkbox checkbox2 = new
        checkbox2.setBounds(100,1
        f.add(checkbox1);
        f.add(checkbox2);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
    }

    public static void main(String arc
    {
        new CheckboxExample();
    }
}
```

Output:



Java AWT Checkbox Example with ItemListener

```

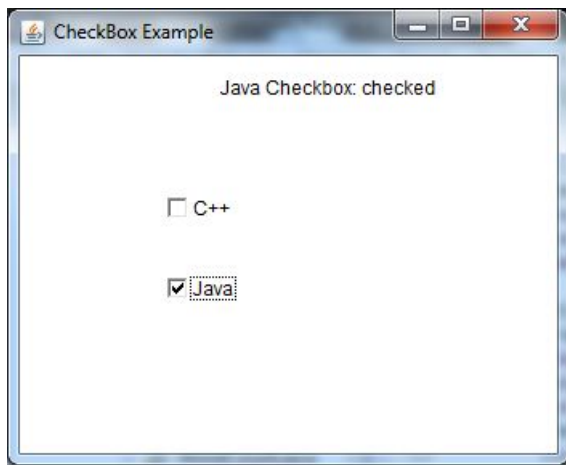
import java.awt.*;
import java.awt.event.*;

public class CheckboxExample
{
    CheckboxExample(){
        Frame f= new Frame("Checkbox Example");
        final Label label = new Label("C++ C");
        label.setAlignment(Label.CENTER);
        label.setSize(400,100);
        Checkbox checkbox1 = new Checkbox("C++ C");
        checkbox1.setBounds(100,100,150,30);
        Checkbox checkbox2 = new Checkbox("Java C");
        checkbox2.setBounds(100,130,150,30);
        f.add(checkbox1); f.add(checkbox2);
        checkbox1.addItemListener(new ItemListener()
        {
            public void itemStateChanged(ActionEvent e)
            {
                label.setText("C++ C");
                + (e.getStateChange() == 1 ? "C" : "");
            }
        });
        checkbox2.addItemListener(new ItemListener()
        {
            public void itemStateChanged(ActionEvent e)
            {
                label.setText("Java C");
                + (e.getStateChange() == 1 ? "C" : "");
            }
        });
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
    }

    public static void main(String args[])
    {
        new CheckboxExample();
    }
}

```

Output:

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