

Java AWT CheckboxGroup

The object of CheckboxGroup class is used to group together a set of Checkbox. At a time only one check box button is allowed to be in "on" state and remaining check box button in "off" state. It inherits the object class.

 **Note:** CheckboxGroup enables you to create radio buttons in AWT. There is no special control for creating radio buttons in AWT.

AWT CheckboxGroup Class Declaration

```
public class CheckboxGroup extends
```

Java AWT CheckboxGroup Example

```

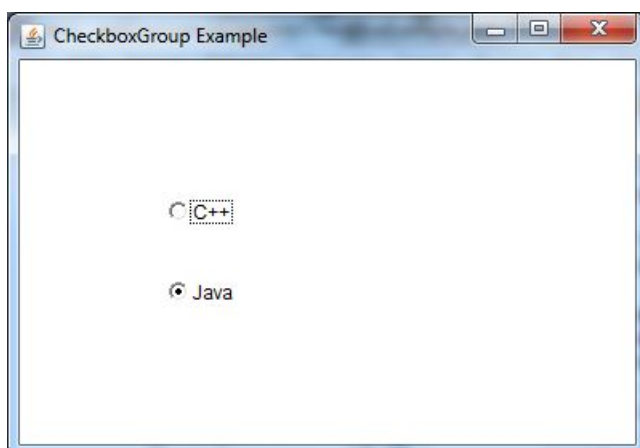
import java.awt.*;

public class CheckboxGroupExam
{
    CheckboxGroupExample()
    {
        Frame f= new Frame("CheckboxGroup Example");
        CheckboxGroup cbg = new CheckboxGroup();
        Checkbox checkBox1 = new Checkbox("C++", cbg);
        checkBox1.setBounds(100, 100, 100, 30);
        Checkbox checkBox2 = new Checkbox("Java", cbg);
        checkBox2.setBounds(100, 150, 100, 30);
        f.add(checkBox1);
        f.add(checkBox2);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
    }

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

```

Output:



Java AWT CheckboxGroup Example with ItemListener

```

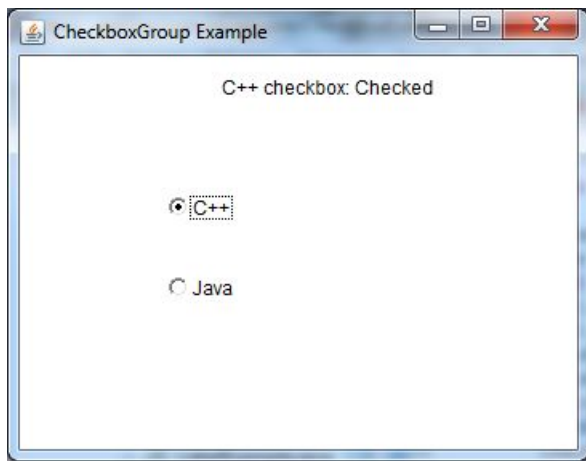
import java.awt.*;
import java.awt.event.*;

public class CheckboxGroupExam
{
    CheckboxGroupExample(){
        Frame f= new Frame("Check
        final Label label = new Lab
        label.setAlignment(Label.CE
        label.setSize(400,100);
        CheckboxGroup cbg = new
        Checkbox checkBox1 = new
        checkBox1.setBounds(100,1
        Checkbox checkBox2 = new
        checkBox2.setBounds(100,1
        f.add(checkBox1); f.add(ch
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
        checkBox1.addItemListener
            public void itemStateCh
                label.setText("C++ ch
            }
        });
        checkBox2.addItemListener
            public void itemStateCh
                label.setText("Java ch
            }
        });
    }

    public static void main(String arg
    {
        new CheckboxGroupExample()
    }
}

```

Output:



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