

Java AWT List

The object of List class represents a list of text items. By the help of list, user can choose either one item or multiple items. It inherits Component class.

AWT List class Declaration

```
public class List extends Component
```

Java AWT List Example

```

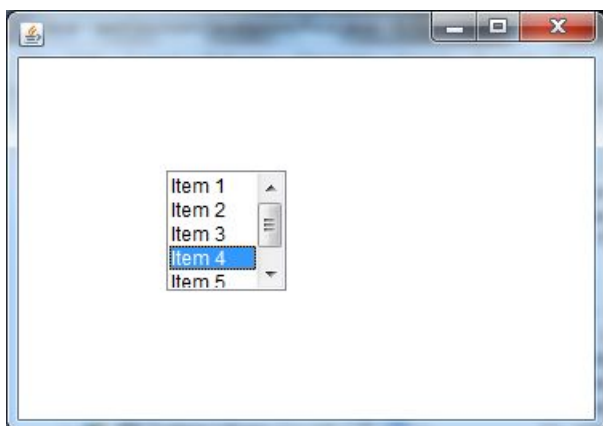
import java.awt.*;

public class ListExample
{
    ListExample(){
        Frame f= new Frame();
        List l1=new List(5);
        l1.setBounds(100,100, 75,75);
        l1.add("Item 1");
        l1.add("Item 2");
        l1.add("Item 3");
        l1.add("Item 4");
        l1.add("Item 5");
        f.add(l1);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
    }

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

```

Output:



Java AWT List Example with ActionListener

```

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

public class ListExample
{

```

```

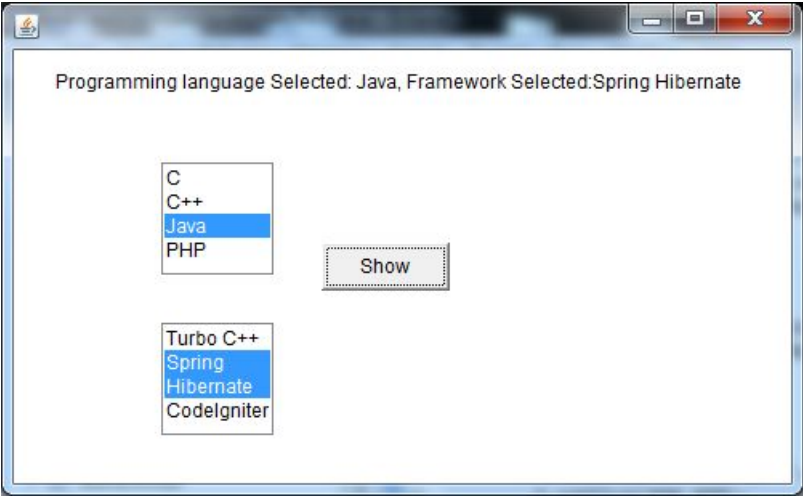
ListExample(){
    Frame f= new Frame();
    final Label label = new Label("Framework Selection");
    label.setAlignment(Label.CENTER);
    label.setSize(500,100);
    Button b=new Button("Show Frameworks");
    b.setBounds(200,150,80,30);
    final List l1=new List(4, false);
    l1.setBounds(100,100, 70,70);
    l1.add("C");
    l1.add("C++");
    l1.add("Java");
    l1.add("PHP");
    final List l2=new List(4, true);
    l2.setBounds(100,200, 70,70);
    l2.add("Turbo C++");
    l2.add("Spring");
    l2.add("Hibernate");
    l2.add("CodeIgniter");
    f.add(l1); f.add(l2); f.add(b);
    f.setSize(450,450);
    f.setLayout(null);
    f.setVisible(true);
    b.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            String data = "Programmer's Choice: ";
            data += " , Framework Selection: ";
            for(String frame:l2.getSelectedFrames()) {
                data += frame + " ";
            }
            label.setText(data);
        }
    });
}

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

```




Output:





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