

Example 1

```
import javax.swing.*;
import java.awt.*;

public class ex1 extends JApplet {

    public void init() {

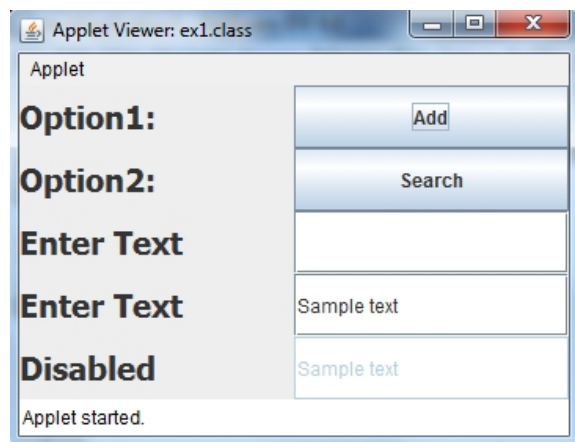
        Container c=getContentPane();
        c.setLayout(new GridLayout(5,2));
        JButton b1=new JButton("Add");
        JButton b2=new JButton("Search");
        JLabel l1=new JLabel("Option1:");
        JLabel l2=new JLabel("Option2:");
        Font f=new Font("Tahoma",Font.BOLD,20);
        l1.setFont(f);
        l2.setFont(f);

        JLabel l3=new JLabel("Enter Text");
        l3.setFont(f);
        JLabel l4=new JLabel("Enter Text");
        l4.setFont(f);
        JTextField t1=new JTextField();
        Font f2=new Font("Serif",Font.ITALIC,20);
        t1.setFont(f2);

        JTextField t2=new JTextField("Sample text");

        JLabel l5=new JLabel("Disabled");
        l5.setFont(f);
        JTextField t3=new JTextField("Sample text");
        t3.setEnabled(false);

        c.add(l1);
        c.add(b1);
        c.add(l2);
        c.add(b2);
        c.add(l3);
        c.add(t1);
        c.add(l4);
        c.add(t2);
        c.add(l5);
        c.add(t3);
        setVisible(true);
    }
}
```



Example 2

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class ex2 extends JApplet implements ActionListener
{
    JButton Badd,BSearch,Bdelete,Bupdate;
    JLabel msg;

    public void init()
    {
        Container c=getContentPane();
        Badd=new JButton("Add");
        BSearch=new JButton("Search");
        Bdelete=new JButton("Delete");
        Bupdate=new JButton("Edit");
        msg=new JLabel();

        c.setLayout(new FlowLayout());

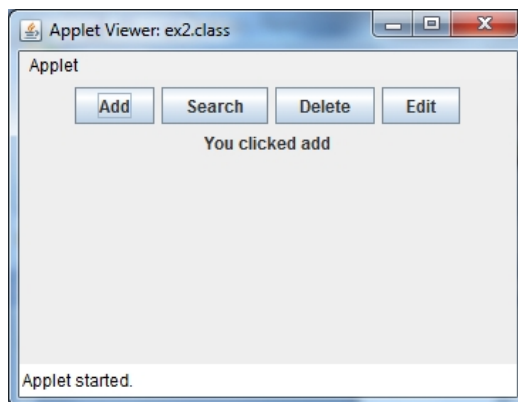
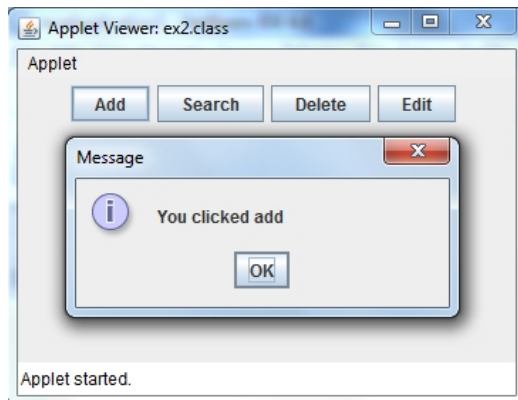
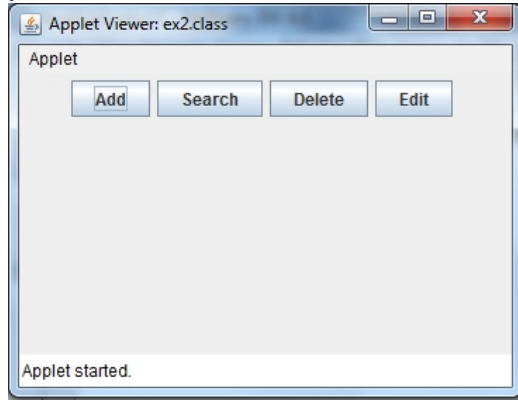
        c.add(Badd);
        c.add(BSearch);
        c.add(Bdelete);
        c.add(Bupdate);
        c.add(msg);

        Badd.addActionListener(this);
        Bdelete.addActionListener(this);
        BSearch.addActionListener(this);
        Bupdate.addActionListener(this);

        setVisible(true);
    }

    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==Badd)
        {
            JOptionPane.showMessageDialog(this, "You clicked add");
            msg.setText("You clicked add");
        }
        if(e.getSource()==Bdelete)
        {
            JOptionPane.showMessageDialog(this, "You clicked delete");
            msg.setText("You clicked delete");
        }
        if(e.getSource()==BSearch)
        {
            JOptionPane.showMessageDialog(this, "You clicked Search");
            msg.setText("You clicked search");
        }
    }
}
```

```
if(e.getSource()==Bupdate)
{
    JOptionPane.showMessageDialog(this, "You clicked update");
    msg.setText("You clicked update");
}
}
```



Example 4

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class ex4 extends JApplet implements ItemListener{

    JCheckBox c1,c2;
    public void init()
    {
        Container c=getContentPane();
        c.setLayout(new FlowLayout());
        c1=new JCheckBox("hi");
        c.add(c1);

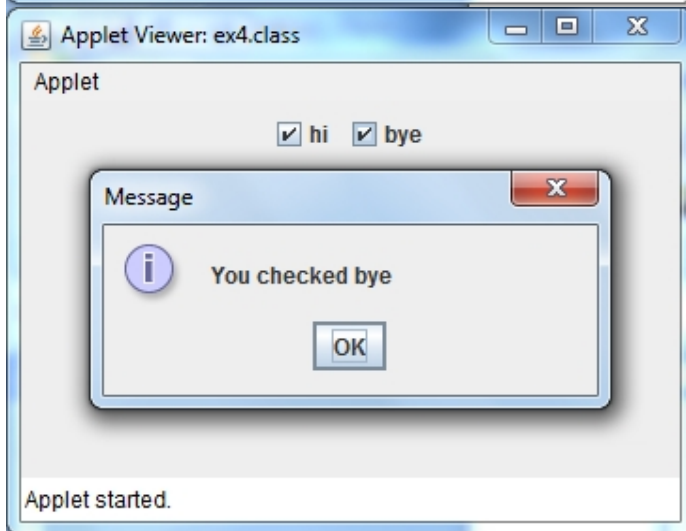
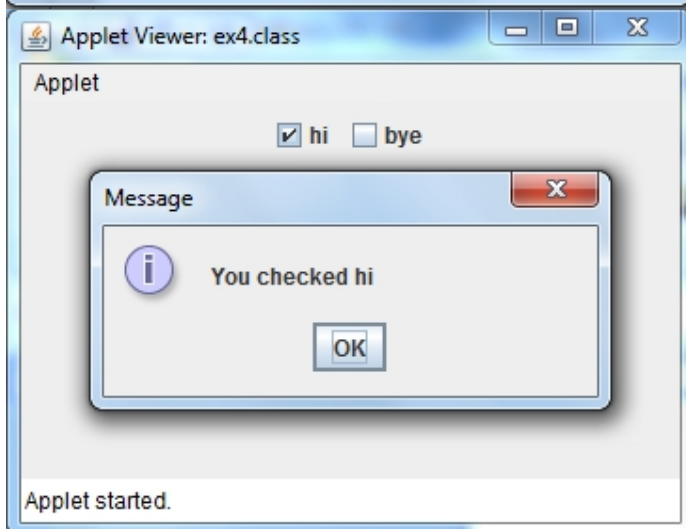
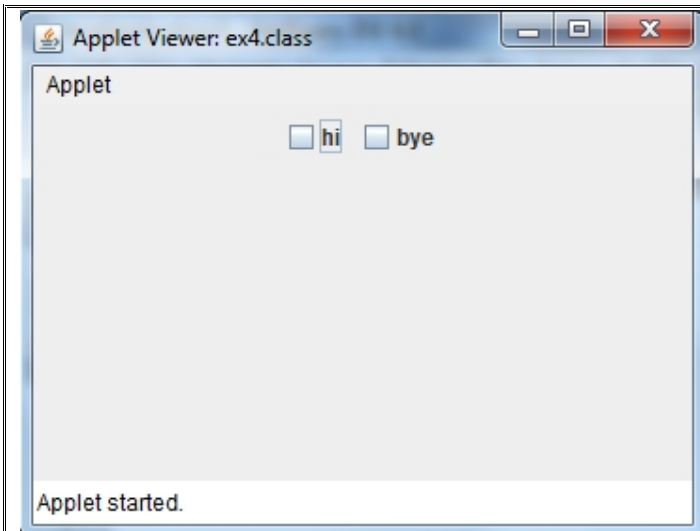
        c2=new JCheckBox("bye");
        c.add(c2);

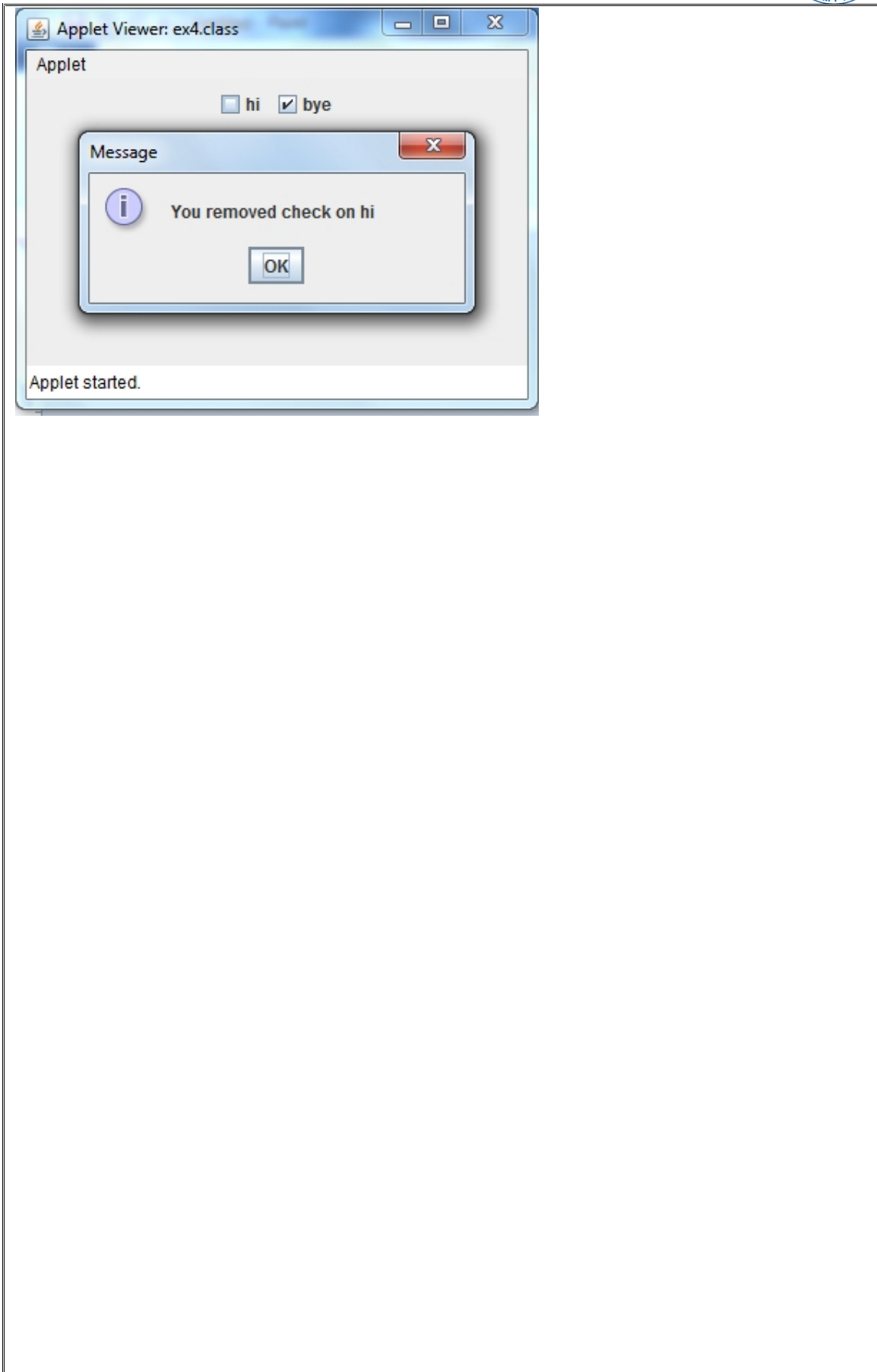
        c1.addItemListener(this);
        c2.addItemListener(this);

        setVisible(true);
    }

    public void itemStateChanged(ItemEvent e)
    {
        if (e.getSource()==c1)
        {
            if (e.getStateChange()==ItemEvent.SELECTED)
            {
                JOptionPane.showMessageDialog(this, "You checked hi");
            }
            else
            {
                JOptionPane.showMessageDialog(this, "You removed check on hi");
            }
        }

        if (e.getSource()==c2)
        {
            if (e.getStateChange()==ItemEvent.SELECTED)
            {
                JOptionPane.showMessageDialog(this, "You checked bye");
            }
            else
            {
                JOptionPane.showMessageDialog(this, "You removed check on bye");
            }
        }
    }
}
```





Example 5

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class ex5 extends JApplet implements ItemListener{
    JRadioButton r1,r2;
    public void init()
    {
        Container c=getContentPane();
        c.setLayout(new FlowLayout());

        r1=new JRadioButton("hi",true);
        r2=new JRadioButton("bye",false);

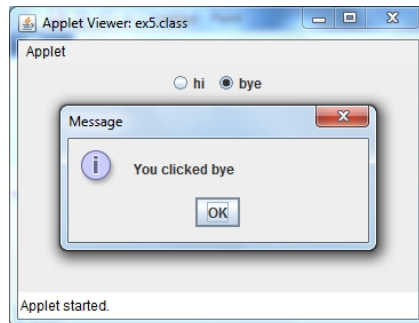
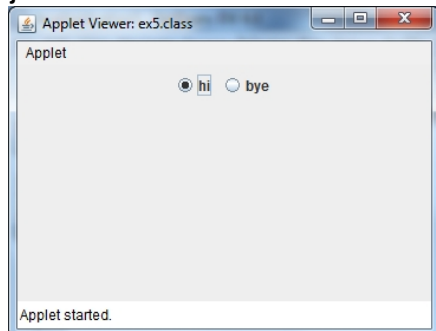
        ButtonGroup rg=new ButtonGroup();
        rg.add(r1);
        rg.add(r2);

        c.add(r1);
        c.add(r2);

        r1.addItemListener(this);
        r2.addItemListener(this);

        setVisible(true);
    }

    public void itemStateChanged(ItemEvent e)
    {
        if(e.getSource()==r1 && e.getStateChange()==ItemEvent.SELECTED)
        {
            JOptionPane.showMessageDialog(this,"You clicked hi");
        }
        if(e.getSource()==r2 && e.getStateChange()==ItemEvent.SELECTED)
        {
            JOptionPane.showMessageDialog(this,"You clicked bye");
        }
    }
}
```



Example 6

```
import javax.swing.*;
import java.awt.*;
```

```
public class ex6 extends JApplet
```

```
{
```

```
    public void init()
```

```
    {
```

```
        Container c=getContentPane();
        c.setLayout(new FlowLayout());
```

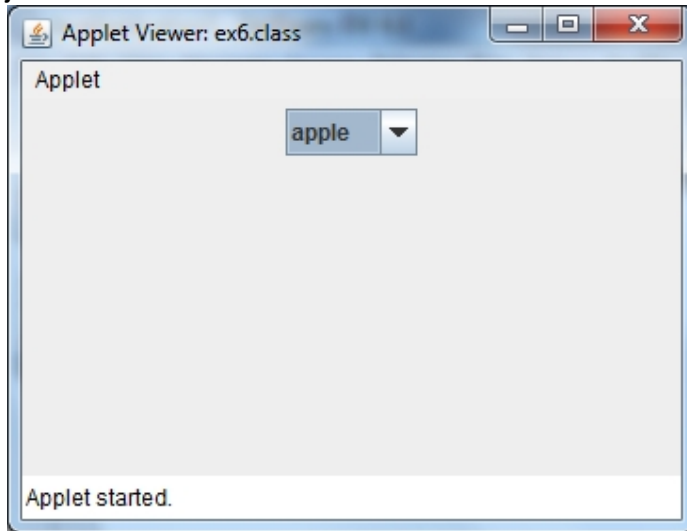
```
        String str[]{"apple","banana", "orange","a","b","c","d","e","f","g"};
        JComboBox co=new JComboBox(str);
        co.setMaximumRowCount(3);
```

```
        c.add(co);
```

```
        setVisible(true);
```

```
    }
```

```
}
```



Example 7

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class ex7 extends JApplet implements ActionListener
{
    JButton Badd,BSearch,Bdelete,Bupdate;
    JLabel msg;

    public void init()
    {
        Container c=getContentPane();
        Badd=new JButton("Add");
        BSearch=new JButton("Search");
        Bdelete=new JButton("Delete");
        Bupdate=new JButton("Edit");
        msg=new JLabel();

        c.setLayout(new BorderLayout());

        JPanel p=new JPanel();
        p.setLayout(new GridLayout(1,4));

        p.add(Badd);
        p.add(BSearch);
        p.add(Bdelete);
        p.add(Bupdate);

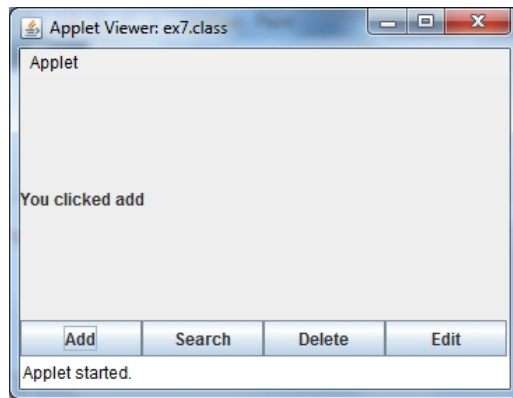
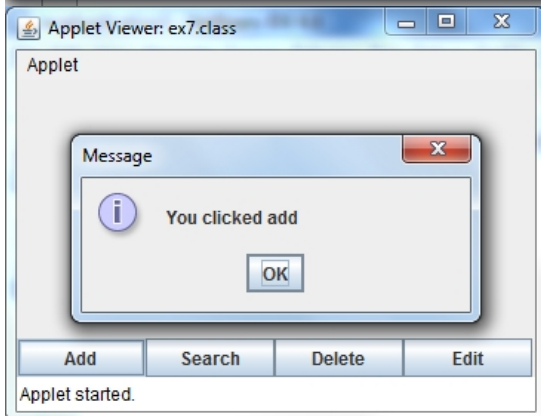
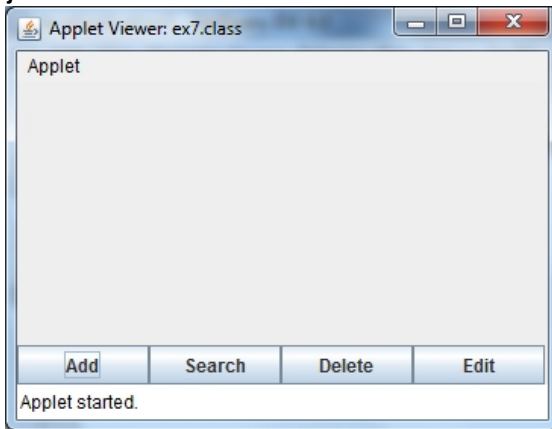
        c.add(p,BorderLayout.SOUTH);
        c.add(msg,BorderLayout.WEST);

        Badd.addActionListener(this);
        Bdelete.addActionListener(this);
        BSearch.addActionListener(this);
        Bupdate.addActionListener(this);

        setVisible(true);
    }

    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==Badd)
        {
            JOptionPane.showMessageDialog(this, "You clicked add");
            msg.setText("You clicked add");
        }
        if(e.getSource()==Bdelete)
        {
            JOptionPane.showMessageDialog(this, "You clicked delete");
            msg.setText("You clicked delete");
        }
    }
}
```

```
if(e.getSource()==BSearch)
{
    JOptionPane.showMessageDialog(this, "You clicked Search");
    msg.setText("You clicked search");
}
if(e.getSource()==Bupdate)
{
    JOptionPane.showMessageDialog(this, "You clicked update");
    msg.setText("You clicked update");
}
}
}
```

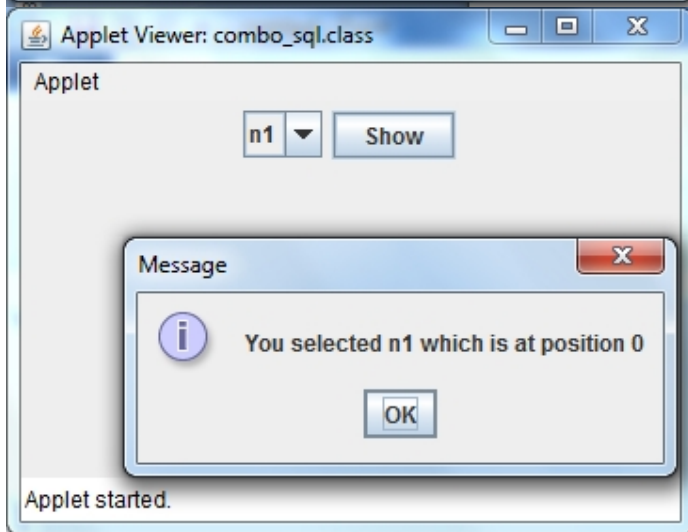
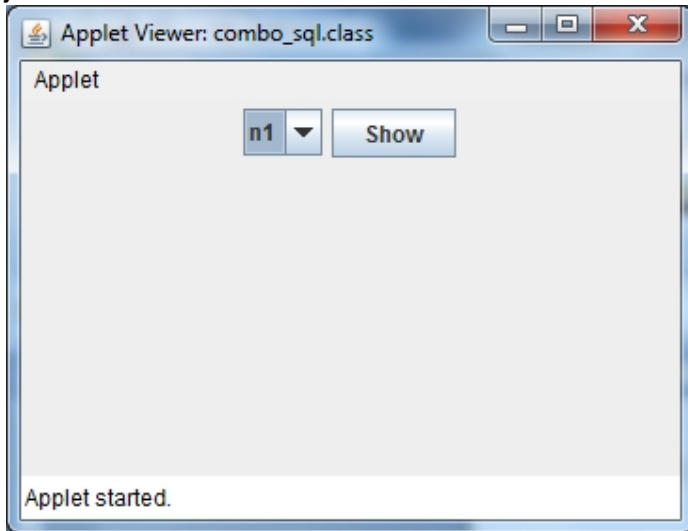


Combo with sql

```
import javax.swing.*;
import java.sql.*;
import java.awt.*;
import java.awt.event.*;

public class combo_sql extends JApplet implements ActionListener{
JComboBox j;
JButton b;
public void init() {
    Container c=getContentPane();
    c.setLayout(new FlowLayout());
    String str[];
    try
    {
        Statement stmt;
        Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
        String url="jdbc:odbc:test";
        Connection con = DriverManager.getConnection(url,"","");
        stmt =con.createStatement();
        ResultSet rs;
        rs=stmt.executeQuery("select count(*) as co from publisher");
        int nop=1;
        while(rs.next())
        {
            nop=rs.getInt("co");
        }
        str=new String[nop];
        rs=stmt.executeQuery("select * from publisher");
        int i=0;
        while(rs.next())
        {
            str[i]=rs.getString("publisher_name");
            i=i+1;
        }
        j=new JComboBox(str);
        b=new JButton("Show");
        b.addActionListener(this);
        c.add(j);
        c.add(b);
        setVisible(true);
    }catch (Exception ee) {}
}
```

```
public void actionPerformed(ActionEvent e)
{
    if(e.getSource()==b)
    {
        JOptionPane.showMessageDialog(null, "You selected "+j.getSelectedItem()+" which is at
position "+j.getSelectedIndex());
    }
}
}
```



LIST

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class list_prog extends JApplet implements ActionListener{
    JList jl;
    JScrollPane jp;
    JButton b;
    Container c;
    public void init()
    {
        c=getContentPane();
        c.setLayout(new FlowLayout());

        String str[]{"blue","green","red","pink","black"};
        jl=new JList(str);
        jl.setVisibleRowCount(3);
        jp=new JScrollPane(jl);
        b=new JButton("Show");
        c.add(jp);
        c.add(b);
        b.addActionListener(this);
        setVisible(true);
    }

    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==b)
        {
            Object s[]=jl.getSelectedValues();
            String str="";
            for(int i=0;i<s.length;i++)
            {
                str=str+s[i].toString()+" ";
            }
            JOptionPane.showMessageDialog(null, "you selected "+str);
        }
    }
}
```

