

JList

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

```
class Butoane extends JPanel
```

```
{
    public Butoane()
    {
        JButton b1 = new JButton("Seria A");
        JButton b2 = new JButton("Seria B");
        this.setLayout(new GridLayout(1,0));
        add(b1);
        add(b2);
    }
}
```

```
class ButoaneRadio extends JPanel
```

```
{
    public ButoaneRadio()
    {
        JRadioButton butonAlb = new JRadioButton("var 1 10-18");
        JRadioButton butonRosu = new JRadioButton("var 2 10-18");

        ButtonGroup group = new ButtonGroup();
        group.add(butonAlb);
        group.add(butonRosu);

        add(butonAlb);
        add(butonRosu);
    }
}
```

```
class ListBox1 extends JScrollPane
```

```
{

    private JList list;

    public JList getList()
    {
        return list;
    }

    public ListBox1()
    {

        DefaultListModel listModel = new DefaultListModel();
        listModel.addElement("Randul 1");
        listModel.addElement("Randul 2");
        listModel.addElement("Randul 3");
        list = new JList(listModel);
    }
}
```

```

list.setVisibleRowCount(3);
list.setSelectionMode(ListSelectionMode.SINGLE_SELECTION);
list.setSelectedIndex(0);
setViewportView(list);
}

}

```

```

public class Ex11 extends JFrame{
    public static void main(String[] args) {

        Ex11 app = new Ex11();
        Butoane panouButoane = new Butoane();
        ButoaneRadio panouButoaneRadio = new ButoaneRadio();
        ListBox1 panouliste = new ListBox1();

        JPanel panou = new JPanel();
        panou.add(panouButoane);
        panou.add(panouButoaneRadio);
        panou.add(panouliste);
        app.getContentPane().add(panou);
        app.pack();
        app.setVisible(true);
        app.setDefaultCloseOperation(EXIT_ON_CLOSE);

    }
}

```



JTable

```

package test;
import javax.swing.*.*;
import java.awt.*.*;
import javax.swing.table.*;
import static javax.swing.JFrame.EXIT_ON_CLOSE;

public class Apli_Table extends JFrame {

    public static void main(String args[]) {

        Apli_Table app = new Apli_Table();

        Butoane panouButoane = new Butoane();

```

```

    Tabel addTabel = new Tabel();
    CheckBoxuri panouCheckBoxuri = new CheckBoxuri();
    ButoaneRadio panouButoaneRadio = new ButoaneRadio();
    JPanel panou = new JPanel();

    panou.add(addTabel);
    panou.add(panouButoane);
    panou.add(panouCheckBoxuri);
    panou.add(panouButoaneRadio);

    panou.setBorder(
        BorderFactory.createEmptyBorder(20, 20, 20, 20));

    app.getContentPane().add(panou);
    app.setTitle("Aplicatie cu JTable");
    app.setSize(1000, 600);
    app.setVisible(true);
    app.setDefaultCloseOperation(EXIT_ON_CLOSE);
}

}

class Butoane extends JPanel {

    public Butoane() {
        JButton b1 = new JButton("ButonA");
        JButton b2 = new JButton("ButonB");
        this.setLayout(new GridLayout(1, 0));
        add(b1);
        add(b2);
    }
}

class CheckBoxuri extends JPanel {

    public CheckBoxuri() {
        JCheckBox cb1 = new JCheckBox("Optiune1");
        cb1.setSelected(true);
        JCheckBox cb2 = new JCheckBox("Optiune2");
        cb2.setSelected(true);
        JCheckBox cb3 = new JCheckBox("Optiune3");
        cb3.setSelected(true);
        this.setLayout(new GridLayout(0, 1));
        add(cb1);
        add(cb2);
        add(cb3);
    }
}

class ButoaneRadio extends JPanel {

```

```

public ButoaneRadio() {

    JRadioButton butonAlb = new JRadioButton("Alb");
    butonAlb.setActionCommand("Alb");
    butonAlb.setSelected(true);
    JRadioButton butonRosu = new JRadioButton("Rosu");
    butonRosu.setActionCommand("Rosu");
    JRadioButton butonVerde = new JRadioButton("Verde");
    butonVerde.setActionCommand("Verde");

    ButtonGroup group = new ButtonGroup();
    group.add(butonAlb);
    group.add(butonRosu);
    group.add(butonVerde);

    this.setLayout(new GridLayout(0, 1));
    add(butonAlb);
    add(butonRosu);
    add(butonVerde);
}

public SourceVersion getSupportedSourceVersion() {
    return SourceVersion.latest();
}
}

class Tabel extends JPanel {

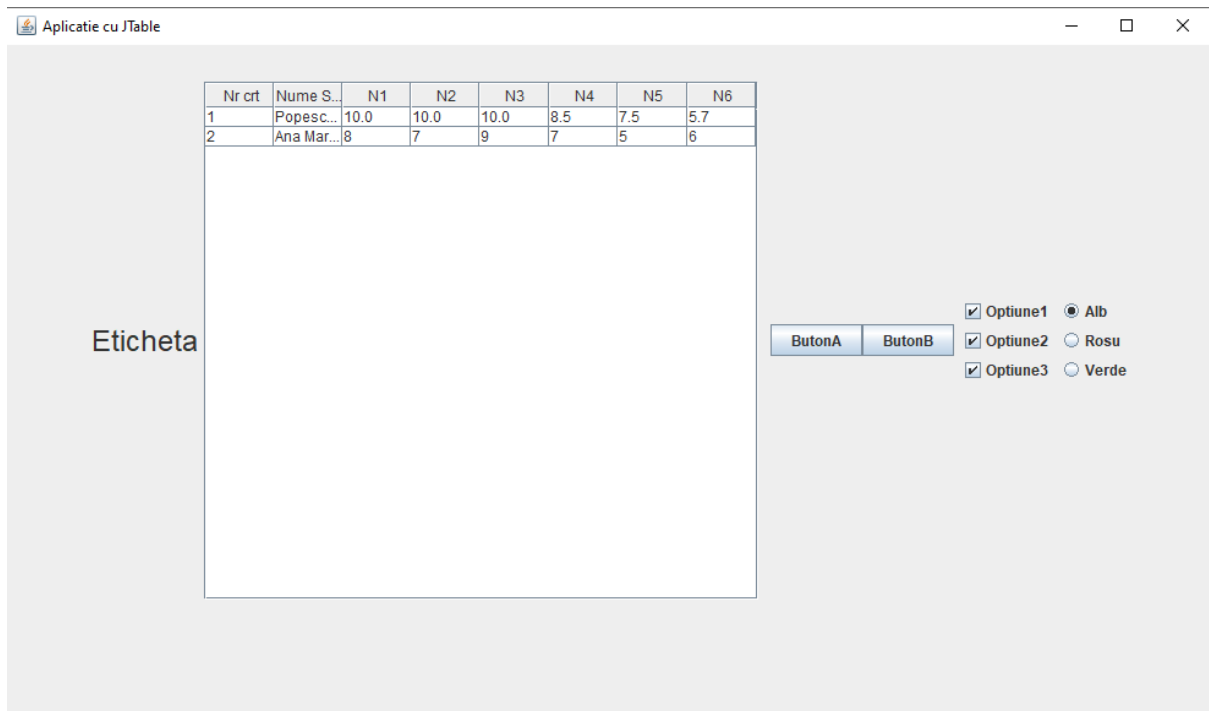
    public Tabel() {
        String[] columns = {"Nr crt", "Nume Student", "N1", "N2", "N3", "N4", "N5", "N6"};

        Object[][] data = {
            {"1", "Popescu Ion", 10.00, 10.00, 10.00, 8.50, 7.50, 5.70},
            {"2", "Ana Maria", 8, 7, 9, 7, 5, 6}
        };

        JTable table = new JTable(data, columns);
        JScrollPane scrollPane = new JScrollPane(table);
        table.setFillsViewportHeight(true);//???
        JLabel lblHeading = new JLabel("Eticheta");
        lblHeading.setFont(new Font("Arial", Font.TRUETYPE_FONT, 24));
        add(lblHeading, BorderLayout.PAGE_START);
        add(scrollPane, BorderLayout.CENTER);

    }
}

```



`setLayout(null);`

```
import javax.swing.ButtonGroup;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JRadioButton;
public class A1 extends JPanel {

    public A1()
    {
        JRadioButton r1_Yes = new JRadioButton("Yes ?",true);
        JRadioButton r1_No = new JRadioButton("No ?",false);

        ButtonGroup radioGroup1 = new ButtonGroup();
        ButtonGroup radioGroup2 = new ButtonGroup();
        setLayout(null);
        add(r1_Yes);
        add(r1_No);

        radioGroup1.add(r1_Yes);
        radioGroup1.add(r1_No);

        r1_Yes.setBounds(10,10,60,60);
        r1_No.setBounds(80,30,50,20);

        JRadioButton buton1 = new JRadioButton("Buton1",true);
        JRadioButton buton2 = new JRadioButton("Buton2",false);
```

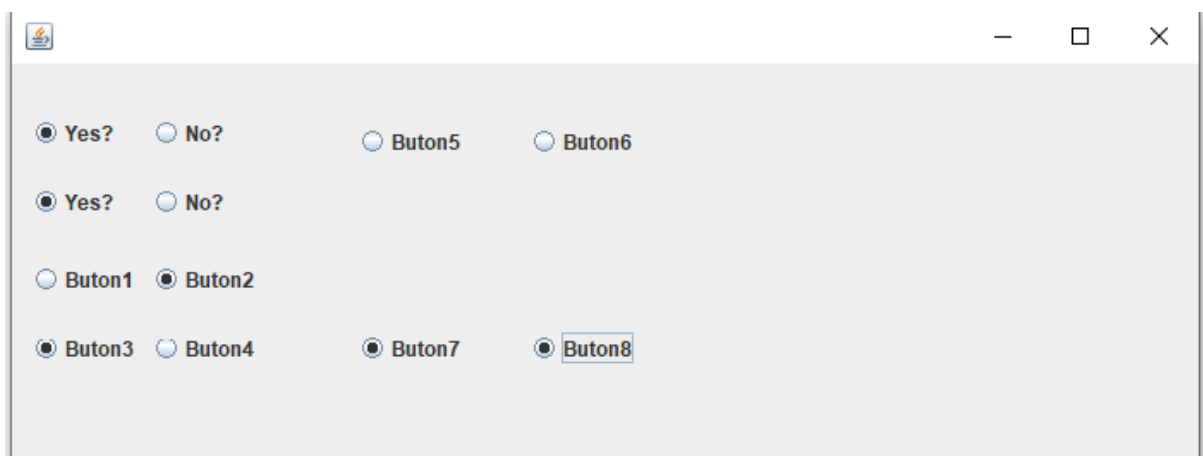
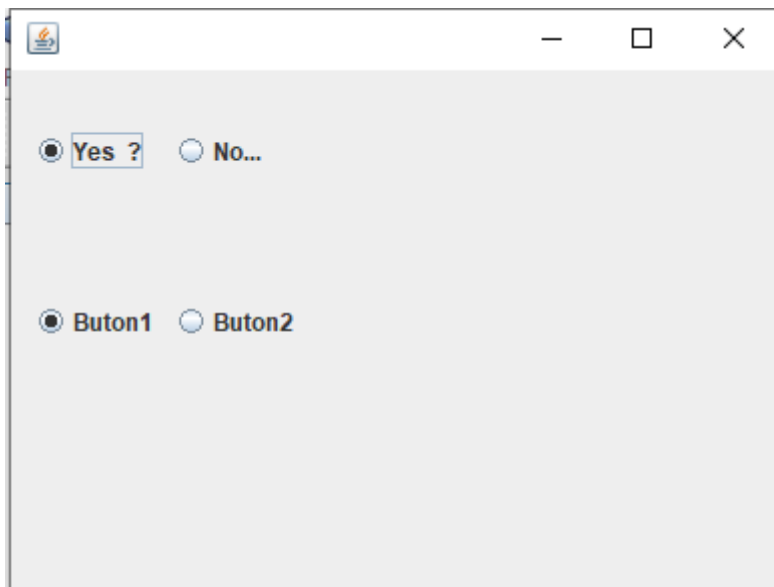
```

        add(buton1);
        add(buton2);
        buton1.setBounds(10,90,70,70);
        buton2.setBounds(80,90,70,70);

    }

    public static void main(String[] args) {
        JFrame frame = new JFrame();
        frame.getContentPane().add(new A1());
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(400,300);
        frame.setVisible(true);
    }
}

```



```
import javax.swing.ButtonGroup;
```

```

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JRadioButton;

public class Aplicatii extends JPanel {

    /**
     * @param args the command line arguments
     */
    public Aplicatii()
    {
        JRadioButton r1_Yes = new JRadioButton("Yes?",true);
        JRadioButton r1_No = new JRadioButton("No?",false);
        JRadioButton r2_Yes = new JRadioButton("Yes?",false);
        JRadioButton r2_No = new JRadioButton("No?",true);

        ButtonGroup radioGroup1 = new ButtonGroup();
        ButtonGroup radioGroup2 = new ButtonGroup();

        setLayout(null);

        add(r1_Yes);
        add(r1_No);
        add(r2_Yes);
        add(r2_No);

        radioGroup1.add(r1_Yes);
        radioGroup1.add(r1_No);
        radioGroup2.add(r2_Yes);
        radioGroup2.add(r2_No);

        r1_Yes.setBounds(10,10,60,60);
        r1_No.setBounds(80,30,50,20);

        r2_Yes.setBounds(10,50,60,60);
        r2_No.setBounds(80,70,50,20);

        JRadioButton buton1 = new JRadioButton("Buton1",true);
        JRadioButton buton2 = new JRadioButton("Buton2",false);
        JRadioButton buton3 = new JRadioButton("Buton3",false);
        JRadioButton buton4 = new JRadioButton("Buton4",true);

        ButtonGroup radioGroup3 = new ButtonGroup();
        ButtonGroup radioGroup4 = new ButtonGroup();

        add(buton1);
        add(buton2);
        add(buton3);
        add(buton4);
    }
}

```

```

        radioGroup3.add(buton1);
        radioGroup3.add(buton2);
        radioGroup4.add(buton3);
        radioGroup4.add(buton4);

        buton1.setBounds(10,90,70,70);
        buton2.setBounds(80,90,70,70);

        buton3.setBounds(10, 130, 70, 70);
        buton4.setBounds(80, 130, 70, 70);

        JRadioButton buton5 = new JRadioButton("Buton5",true);
        JRadioButton buton6 = new JRadioButton("Buton6",false);
        JRadioButton buton7 = new JRadioButton("Buton7",false);
        JRadioButton buton8 = new JRadioButton("Buton8",true);

        ButtonGroup radioGroup5 = new ButtonGroup();
        ButtonGroup radioGroup6 = new ButtonGroup();

        add(buton5);
        add(buton6);
        add(buton7);
        add(buton8);

        radioGroup5.add(buton5);
        radioGroup6.add(buton6);
        radioGroup5.add(buton7);
        radioGroup6.add(buton8);

        buton5.setBounds(200,10,70,70);
        buton6.setBounds(300,10,70,70);

        buton7.setBounds(200, 130, 70, 70);
        buton8.setBounds(300, 130, 70, 70);
    }

    public static void main(String[] args) {
        JFrame frame = new JFrame();
        frame.getContentPane().add(new Aplicatii());
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(400,300);
        frame.setVisible(true);
    }
}

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

```



```

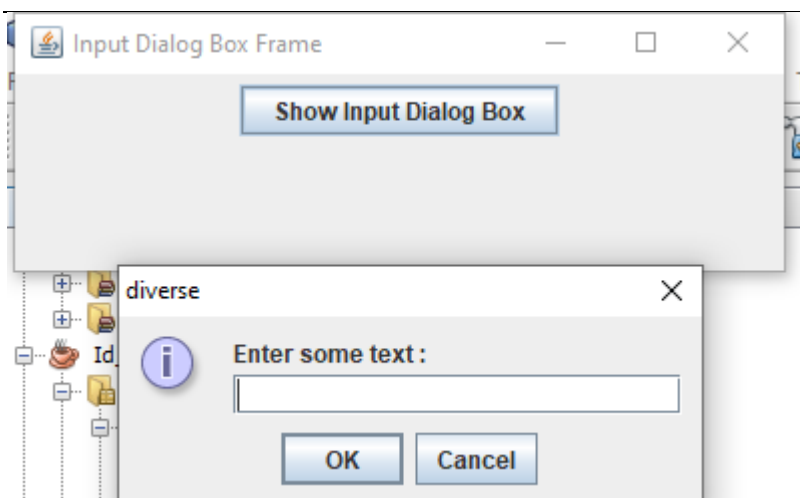
class ButtonOKListener implements ActionListener{
    @Override
    public void actionPerformed(ActionEvent e)
    {
        JOptionPane.showMessageDialog(null,"OK apasa aici");
    }
}

public class ActiuniButon extends JFrame{
    JButton buton;
    JPanel panel;
    ButtonOKListener ActiuneButon;

    public ActiuniButon()
    {
        panel = new JPanel();
        ActiuneButon = new ButtonOKListener();
        buton = new JButton("OK...");
        Button b1 = new Button("B1");
        buton.addActionListener(ActiuneButon);
        panel.add(buton);
        panel.add(b1);
        this.add(panel);
    }

    public static void main(String[] args) {
        ActiuniButon GUI = new ActiuniButon();
        GUI.setTitle("Actiuni buton");
        GUI.setSize(300,300);
        GUI.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        GUI.setVisible(true);
    }
}

```



```
import javax.swing.*;
```

```

import java.awt.event.*;

public class Aplic1 {

    public static void main(String[] args) {
        JFrame frame = new JFrame("Input Dialog Box Frame");
        JButton button = new JButton("Show Input Dialog Box");
        button.addActionListener(new ActionListener(){

            public void actionPerformed(ActionEvent ae)
            {
                String str = JOptionPane.showInputDialog(null, "Enter some text : ", "diverse", 1);
                if(str != null)
                    JOptionPane.showMessageDialog(null, "You entered the text : " + str, "diverse", 2);
                else
                    JOptionPane.showMessageDialog(null, "You pressed cancel button", "diverse", 3);
            }
        });

        JPanel panel = new JPanel();
        panel.add(button);
        frame.add(panel);
        frame.setSize(400, 400);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setVisible(true);

    }

}

```



```

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.JFrame;
import javax.swing.JOptionPane;

class ButtonOKListener implements ActionListener
{
    public void actionPerformed(ActionEvent e)
    {
        JOptionPane.showMessageDialog(null, "OK apasa aici");
    }
}

```

```

public class Aplic2 extends JFrame implements ActionListener{

    private JLabel countLabel;
    private JLabel countLabel2;
    private JButton button;
    private JButton button2;
    private int count = 100;
    private int newcount = 0;
    private Container contentPane;
    private Container contentPane2;
    ButtonOKListener ActiuneButon;
    JButton buton;
    JPanel panel;

    public Aplic2() {
        panel = new JPanel();
        contentPane = getContentPane();
        contentPane2 = getContentPane();
        contentPane.setLayout(new GridLayout(2, 1));
        contentPane2.setLayout(new GridLayout(3, 2));

        //alinieri eticheta centrat
        countLabel = new JLabel(Integer.toString(count), JLabel.CENTER);
        countLabel2 = new JLabel(Integer.toString(newcount), JLabel.CENTER); //+
        button = new JButton("Click pentru Decrementare");
        button.setActionCommand("dec");
        button2 = new JButton("Click pentru Incrementare");
        button2.setActionCommand("inc");
        contentPane.add(countLabel);
        contentPane2.add(countLabel2);
        contentPane.add(button);
        contentPane2.add(button2);

        //actiune
        button.addActionListener(this);
        button2.addActionListener(this);
        ActiuneButon = new ButtonOKListener();
        buton = new JButton("OK...");
        buton.addActionListener(ActiuneButon);
        panel.add(buton);
        this.add(panel);
    }

    //ce se intampla dupa ce se apasa butonul

    public void actionPerformed(ActionEvent e) {
        if (e.getActionCommand().matches("dec")) {
            count--;
        } else if (e.getActionCommand().matches("inc")) {
            newcount++;
        }
    }
}

```

```
    }  
    countLabel.setText(Integer.toString(count));  
    countLabel2.setText(Integer.toString(newcount));  
}  
  
public static void main(String[] args) {  
    Aplic2 f = new Aplic2();  
    f.setTitle("Actiuni buton");  
    f.setSize(600, 400);  
    f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
    f.pack();  
    f.setVisible(true);  
}  
}
```