Experiment no 03

Code:

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

class Student extends Frame implements ActionListener
{
    Label lsname, lsrollno, lsclass, lgander, lsbg, lsmob, lsadrs;
    CheckboxGroup gander;
    Checkbox male, female, trainpass;
    Choice csclass;
    TextField tfsname, tfsrollno, tfsmob;
    TextArea tasadrs;
    Button submit;

    TextArea display_details;

    Student()
    {
        lsname   = new Label("Name : ");
        lsrollno = new Label("Roll No : ");
        lsclass  = new Label("Class : ");
        lgander  = new Label("Gander : ");
        lsbg     = new Label("Blood Group : ");
        lsmob    = new Label("Mobile : ");
        lsadrs   = new Label("Address : ");

        gander = new CheckboxGroup();
        male   = new Checkbox("Male", gander, false);
        female = new Checkbox("Female", gander, false);

        trainpass = new Checkbox("Apply For Train Concession");

        csclass = new Choice();
        csclass.add("BSc IT");
        csclass.add("BSc CS");
        csclass.add("BCA");
        csclass.add("MSc IT");
        csclass.add("MSc CS");
        csclass.add("MCA");

        tfsname   = new TextField();
        tfsrollno = new TextField();
        tfsmob    = new TextField();
```

```java
tasadrs = new TextArea("", 2 , 100 , TextArea.SCROLLBARS_NONE);

submit  = new Button("Submit");

display_details = new TextArea("", 2 , 100 , TextArea.SCROLLBARS_NONE);
display_details.setEditable(false);

lsname.setBounds(10, 30, 50, 20);
tfsname.setBounds(70, 30, 150, 20);

lsrollno.setBounds(240, 30, 50, 20);
tfsrollno.setBounds(300, 30, 150, 20);

lsclass.setBounds(10, 60, 50, 20);
csclass.setBounds(70, 60, 150, 20);

lgander.setBounds(240, 60, 50, 20);
male.setBounds(300, 60, 50, 20);
female.setBounds(360, 60, 50, 20);

lsmob.setBounds(10, 90, 50, 20);
tfsmob.setBounds(70, 90, 150, 20);

trainpass.setBounds(240, 90, 150, 20);

lsadrs.setBounds(10, 120, 50, 20);
tasadrs.setBounds(70, 120, 380, 70);

submit.setBounds(10, 200, 440, 30);

display_details.setBounds(10, 240, 440, 130);

add(lsname);
add(lsrollno);
add(lsclass);
add(lgander);
add(lsbg);
add(lsadrs);
add(lsmob);
add(male);
add(female);
add(csclass);
add(tfsname);
add(tfsrollno);
add(tasadrs);
add(tfsmob);
add(trainpass);
add(submit);
```

```java
        add(display_details);
        submit.addActionListener(this);

        setTitle("Students Details");
        setSize(460,390);
        setLayout(null);
        setVisible(true);

        addWindowListener(new WindowAdapter()
        {
                public void windowClosing(WindowEvent e)
                {
                    dispose();
                }
            });
    }

    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==submit)
        {
            String tp = trainpass.getState() ? "Applied for Train Concession" : "Not Applied for
Train Concession";

            String sdetails = " ***** Students Details *****n Name : " + tfsname.getText() + "n Roll
No. :" + tfsrollno.getText() + "n Class : " + csclass.getSelectedItem() + "n Gander : " +
gander.getSelectedCheckbox().getLabel() + "n Mobile : " + tfsmob.getText() + "n Train Pass :
" + tp + "n Address : " + tasadrs.getText();

            display_details.setText(sdetails);
        }
    }

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

Output:

Students Details — □ ✕

Name : Ajay   Roll No : 25

Class : BCA ▾   Gander : ⦿ Male   ◯ Female

Mobile : 1234567890   ☑ Apply For Train Concessio

Address : abc

Submit

***** Students Details *****n Name : Ajayn Roll No. :25n Class : BCAn Gander : Malen Mobile : 1234567890n Train Pass : Applied for Train Concessionn Address : abc