**PROGRAM :**

ClassOne.java

package package\_name;

public class ClassOne {

public void methodClassOne() {

System.out.println("Hello there its ClassOne");

}

}

ClassTwo.java

package package\_one;

public class ClassTwo {

public void methodClassTwo(){ System.out.println("Hello there i am ClassTwo");

}

}

Testing.java

import package\_one.ClassTwo; import package\_name.ClassOne;

public class Testing {

public static void main(String[] args){

ClassTwo a = new ClassTwo(); ClassOne b = new ClassOne(); a.methodClassTwo();

b.methodClassOne();

}

}

**OUTPUT:**

Graphical user interface, text, application, email

Description automatically generated

**PROGRAM:**

import java.awt.\*;

import java.awt.event.\*;

class Student extends Frame implements ActionListener

{

Label lsname, lsrollno, lsclass, lgender, lsbg, lsmob, lsadrs;

CheckboxGroup gender;

Checkbox male, female, pass;

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 : ");

lgender = new Label("Gender : ");

lsbg = new Label("Blood Group : ");

lsmob = new Label("Mobile : ");

lsadrs = new Label("Address : ");

gender = new CheckboxGroup();

male = new Checkbox("Male", gender, false);

female = new Checkbox("Female", gender, false);

pass = new Checkbox("Apply For Intership");

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();

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);

lgender.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);

pass.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(lgender);

add(lsbg);

add(lsadrs);

add(lsmob);

add(male);

add(female);

add(csclass);

add(tfsname);

add(tfsrollno);

add(tasadrs);

add(tfsmob);

add(pass);

add(submit);

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 = pass.getState() ? "Applied for Internship" : "Not Applied for Train Intership";

String sdetails = " \*\*\*\*\* Students Details \*\*\*\*\*\r\n Name : " + tfsname.getText() + "\r\n Roll No. :" + tfsrollno.getText() + "\r\n Class : " + csclass.getSelectedItem() + "\r\n Gender : " + gender.getSelectedCheckbox().getLabel() + "\r\n Mobile : " + tfsmob.getText() + "\r\n Subject : " + tp + "\n Address : " + tasadrs.getText();

display\_details.setText(sdetails);

}

}

public static void main(String[] args)

{

new Student();

}

}

**OUTPUT :**

Graphical user interface, text, application, email

Description automatically generated

**PROGRAM :**

**SocketDemo.java**

import java.io.DataInputStream;

import java.io.DataOutputStream;

import java.io.IOException;

import java.net.Socket;

import java.net.UnknownHostException;

public class SocketDemo

{

private Socket socket = null;

private DataInputStream input = null;

private DataOutputStream output = null;

public SocketDemo(String address, Integer port){

try{

socket = new Socket(address,port);

input = new DataInputStream(System.in);

output = new DataOutputStream(socket.getOutputStream());

}catch(Exception e){

e.printStackTrace();

}

String line="";

while(!(line.equals("Done"))){

try{

line = input.readLine();

output.writeUTF(line);

}catch(Exception e){

e.printStackTrace();

}

}

try{

input.close();

output.close();

socket.close();

}catch(Exception e){

e.printStackTrace();

}

}

public static void main(String[] args){

SocketDemo client = new SocketDemo("127.0.0.1",5000);

}

}

**SocketDemoServer.java**

import java.io.BufferedInputStream;

import java.io.DataInputStream;

import java.io.IOException;

import java.net.ServerSocket;

import java.net.Socket;

public class SocketDemoServer{

private Socket socket = null;

private ServerSocket server = null;

private DataInputStream in = null;

public SocketDemoServer(int port){

try{

server = new ServerSocket(port);

System.out.println("Server started::");

System.out.println("Waiting for a client ......");

socket = server.accept();

System.out.println("Client accepted.");

in = new DataInputStream(new BufferedInputStream(socket.getInputStream()));

String line="";

while(!line.equals("Done")){

try{

line = in.readUTF();

System.out.println(line);

}catch(Exception i){

i.printStackTrace();

}

}

System.out.println("Closing connection");

socket.close();

in.close();

}catch(Exception i){

i.printStackTrace();

}

}

public static void main(String args[]){

SocketDemoServer server = new SocketDemoServer(5000);

}

}

**OUTPUT :**

Graphical user interface, text, application, email

Description automatically generated Graphical user interface, text, application, email

Description automatically generated

**PROGRAM :**

import java.sql.\*;

import java.util.Scanner;

class OracleCon{

static Scanner sc;

private static Connection con=null;

private static Statement stmt=null;

static{

sc = new Scanner(System.in);

}

public static void main(String args[]){

try{

//step1 load the driver class

Class.forName("oracle.jdbc.driver.OracleDriver");

//step2 create the connection object

con = DriverManager.getConnection(

"jdbc:oracle:thin:@localhost:1521:xe","system","thepassword");

//step3 create the statement object

stmt=con.createStatement();

String createSql = "create table emp(id number(10),name varchar2(40),age number(3))";

int j = stmt.executeUpdate(createSql);

if(j == 0)

{

System.out.println("Table is created");

}

else

{

System.out.println("Table is not created");

}

System.out.println("Enter the no. of records you want to enter:");

int rec = sc.nextInt();

sc.nextLine();

String name;

int age,id,res;

for(int i=0;i<rec;i++)

{

System.out.println("Enter the name:");

name = sc.nextLine();

System.out.println("Enter the id:");

id = sc.nextInt();

System.out.println("Enter the age:");

age = sc.nextInt();

// System.out.println("INSERT INTO EMP VALUES("+id+","+"\'"+name+"\'"+","+age+")");

sc.nextLine();

res = stmt.executeUpdate("INSERT INTO EMP VALUES("+id+","+"\'"+name+"\'"+","+age+")");

if(res != 0)

{

System.out.println("Row is created");

}

else

{

System.out.println("Row is not created");

}

}

String sql = "UPDATE EMP SET NAME='Hari' " +

"WHERE id=201";

//Step 4 : Executing The Query

//We are using executeUpdate() method as we are executing UPDATE statement

int i = stmt.executeUpdate(sql);

if(i != 0)

{

System.out.println("Record is updated");

}

else

{

System.out.println("Record is not updated");

}

ResultSet rs=stmt.executeQuery("select \* from emp");

while(rs.next())

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));

}

catch (Exception e)

{

e.printStackTrace();

}

finally

{

//STEP 5 : Closing The DB Resources

//Closing the Statement object

try

{

if(stmt!=null)

{

stmt.close();

stmt=null;

}

}

catch (SQLException e)

{

e.printStackTrace();

}

//Closing the Connection object

try

{

if(con!=null)

{

con.close();

con=null;

}

}

catch (SQLException e)

{

e.printStackTrace();

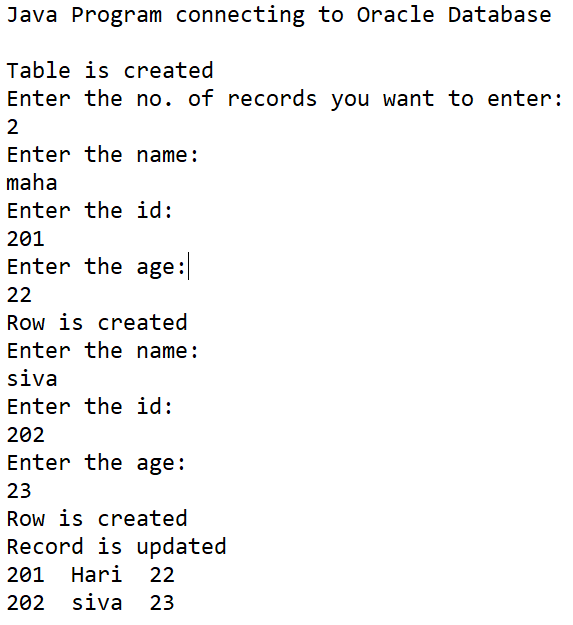
}

}

}

}

**OUTPUT:**

****