SINGLE INHERITANCE

**CODING:**

**import java.io.\*;**

**class Student**

**{**

**String name,dept;**

**int id;**

**Student(String n,int i,String d)**

**{**

**name=n;**

**id=i;**

**dept=d;**

**}**

**}**

**class Marksheet extends Student**

**{**

**int m1,m2,m3,tot;**

**float avg;**

**Marksheet(String n,int i,String d,int mark1,int mark2,int mark3)**

**{**

**super(n,i,d);**

**m1=mark1;**

**m2=mark2;**

**m3=mark3;**

**}**

**void calc()**

**{**

**tot=m1+m2+m3;**

**avg=tot/3;**

**System.out.println();**

**System.out.println("RESULT");**

**System.out.println("\*\*\*\*\*\*");**

**System.out.println();**

**System.out.println("\n Name :"+name);**

**System.out.println("\n ID :"+id);**

**System.out.println("\n Department :"+dept);**

**System.out.println("\n Mark1 :"+m1);**

**System.out.println("\n Mark2 :"+m2);**

**System.out.println("\n Mark3 :"+m3);**

**System.out.println("\n Total :"+tot);**

**System.out.println("\n Average :"+avg);**

**}**

**}**

**class SingleInheritance**

**{**

**public static void main(String args[])throws IOException**

**{**

**DataInputStream ds=new DataInputStream(System.in);**

**System.out.print("\n\t SINGLE INHERITANCE");**

**System.out.print("\n\t \*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*");**

**System.out.print("\n STUDENT DETAILS");**

**System.out.print("\n Enter name :");**

**String name=ds.readLine();**

**System.out.print("\n Enter id :");**

**int id=Integer.parseInt(ds.readLine());**

**System.out.print("\n Enter Department :");**

**String dept=ds.readLine();**

**System.out.print("\n Enter Mark1 :");**

**int m1=Integer.parseInt(ds.readLine());**

**System.out.print("\n Enter Mark2 :");**

**int m2=Integer.parseInt(ds.readLine());**

**System.out.print("\nEnter Mark3 :");**

**int m3=Integer.parseInt(ds.readLine());**

**Marksheet m=new Marksheet(name,id,dept,m1,m2,m3);**

**m.calc();**

**}**

**}**

**OUTPUT:**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac SingleInheritance.java**

**Note: SingleInheritance.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java SingleInheritance**

**SINGLE INHERITANCE**

**\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\***

**STUDENT DETAILS**

**Enter name :soma**

**Enter id :02**

**Enter Department :CSE**

**Enter Mark1 :90**

**Enter Mark2 :89**

**Enter Mark3 :88**

**RESULT**

**\*\*\*\*\*\*\***

**Name :soma**

**ID :2**

**Department :CSE**

**Mark1 :90**

**Mark2 :89**

**Mark3 :88**

**Total :267**

**Average :89.0**

**ABSTRACT CLASS**

**import java.util.\*;**

**abstract class Shape**

**{**

**abstract void area();**

**}**

**class Square extends Shape**

**{**

**float a;**

**Square(float b)**

**{**

**a=b;**

**}**

**void area()**

**{**

**System.out.println("\n Area of Squrare="+(a\*a));**

**}**

**}**

**class Rectangle extends Shape**

**{**

**float l,b;**

**Rectangle(float x,float y)**

**{**

**l=x;**

**b=y;**

**}**

**void area()**

**{**

**System.out.println("\n Area of a rectangle="+(l\*b));**

**}**

**}**

**class Abstract1**

**{**

**public static void main(String args[])**

**{**

**Scanner ds=new Scanner(System.in);**

**System.out.print("\n\t ABSTRACT CLASS");**

**System.out.print("\n\t \*\*\*\*\*\*\*\*\* \*\*\*\*\*\*");**

**System.out.print("\n Enter a:");**

**float a=ds.nextFloat();**

**Square s=new Square(a);**

**s.area();**

**System.out.print("\n Enter l:");**

**float l=ds.nextFloat();**

**System.out.print("\n Enter b:");**

**float b=ds.nextFloat();**

**Rectangle r=new Rectangle(l,b);**

**r.area();**

**}**

**}**

**OUTPUT:**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac Abstract1.java**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java Abstract1**

**ABSTRACT CLASS**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Enter a :4.3**

**Area of Square =18.490002**

**Enter l :6**

**Enter b :7**

**Area of a rectangle =42.0**

**FACTORY DESIGN PATTERN**

**import java.io.\*;**

**abstract class EBBill**

**{**

**protected double rate;**

**abstract void getrate();**

**public void calculateBill(int units)**

**{**

**System.out.println(units\*rate);**

**}**

**}**

**class Domestic extends EBBill**

**{**

**public void getrate()**

**{**

**rate=3.50;**

**}**

**}**

**class Institutional extends EBBill**

**{**

**public void getrate()**

**{**

**rate=5.50;**

**}**

**}**

**class Commercial extends EBBill**

**{**

**public void getrate()**

**{**

**rate=7.50;**

**}**

**}**

**class GetPlanFactory**

**{**

**public EBBill getPlan(String plantype)**

**{**

**if(plantype==null)**

**{**

**return null;**

**}**

**if(plantype.equalsIgnoreCase("Domestic"))**

**{**

**return new Domestic();**

**}**

**else if(plantype.equalsIgnoreCase("Institutional"))**

**{**

**return new Institutional();**

**}**

**else if(plantype.equalsIgnoreCase("Commercial"))**

**{**

**return new Commercial();**

**}**

**return null;**

**}**

**}**

**class Factory**

**{**

**public static void main(String args[])throws IOException**

**{**

**GetPlanFactory p=new GetPlanFactory();**

**DataInputStream ds=new DataInputStream(System.in);**

**System.out.println("\n\t FACTORY DESIGN PATTERN");**

**System.out.println("\n\t \*\*\*\*\*\*\*\* \*\*\*\*\*\*\* \*\*\*\*\*\*");**

**System.out.print("Enter the planname:");**

**String planname=ds.readLine();**

**System.out.print("Enter the units:");**

**int units=Integer.parseInt( ds.readLine());**

**EBBill p1=p.getPlan(planname);**

**System.out.print("Bill amount for" +planname+"is");**

**p1.getrate();**

**p1.calculateBill(units);**

**}**

**}**

**OUTPUT:**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac Factory.java**

**Note: Factory.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java Factory**

**FACTORY DESIGN PATTERN**

**\*\*\*\*\*\*\*\* \*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\***

**Enter the planname :Domestic**

**Enter the units :30**

**Bill amount forDomesticis105.0**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java Factory**

**FACTORY DESIGN PATTERN**

**\*\*\*\*\*\*\*\* \*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\***

**Enter the planname :Institutional**

**Enter the units :30**

**Bill amount forInstitutionalis165.0**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java Factory**

**FACTORY DESIGN PATTERN**

**\*\*\*\*\*\*\*\* \*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\***

**Enter the planname :Commercial**

**Enter the units :30**

**Bill amount forCommercialis225.0**

**PROTOTYPE DESIGN PATTERN**

**CODING:**

**import java.io.\*;**

**interface Prototype**

**{**

**public Prototype getClone();**

**}**

**class StudentRecord implements Prototype**

**{**

**String name,dept;**

**int id,m1,m2,m3,tot;**

**float avg;**

**StudentRecord()**

**{**

**System.out.println("\tname\tid\tdept\tm1\tm2\tm3\ttotal\taverage");**

**}**

**StudentRecord(String name,int id,String dept,int m1,int m2,int m3)**

**{**

**this();**

**this.name=name;**

**this.id=id;**

**this.dept=dept;**

**this.m1=m1;**

**this.m2=m2;**

**this.m3=m3;**

**}**

**void showRecord()**

**{**

**tot=m1+m2+m3;**

**avg=tot/3;**

**System.out.println("\t"+name+"\t"+id+"\t"+dept+"\t"+m1+"\t"+m2+"\t"+m3+"\t"+tot+"\t"+avg);**

**}**

**public Prototype getClone()**

**{**

**return new StudentRecord(name,id,dept,m1,m2,m3);**

**}**

**}**

**class PrototypeDesign1**

**{**

**public static void main(String args[])throws IOException**

**{**

**DataInputStream ds=new DataInputStream(System.in);**

**System.out.println("\n\t PROTOTYPE DESIGN PATTERN");**

**System.out.println("\n\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");**

**System.out.println("STUDENT DETAILS");**

**System.out.print("Enter the name:");**

**String name=ds.readLine();**

**System.out.print("Enter id:");**

**int id=Integer.parseInt(ds.readLine());**

**System.out.print("Enter department:");**

**String dept=ds.readLine();**

**System.out.print("Enter mark1:");**

**int m1=Integer.parseInt(ds.readLine());**

**System.out.print("Enter mark2:");**

**int m2=Integer.parseInt(ds.readLine());**

**System.out.print("Enter mark3:");**

**int m3=Integer.parseInt(ds.readLine());**

**StudentRecord s=new StudentRecord(name,id,dept,m1,m2,m3);**

**StudentRecord s1=(StudentRecord)s.getClone();**

**s.showRecord();**

**}**

**}**

**OUTPUT:**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac PrototypeDesign1.java**

**Note: PrototypeDesign1.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java PrototypeDesign1**

**PROTOTYPE DESIGN PATTERN**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**STUDENT DETAILS**

**Enter the name :somu**

**Enter id :02**

**Enter department :CSE**

**Enter mark1 :90**

**Enter mark2 :88**

**Enter mark3 :96**

**name id dept m1 m2 m3 total average**

**name id dept m1 m2 m3 total average**

**somu 2 CSE 90 88 96 274 91.0**

**SINGLETON DESIGN PATTEREN**

**import java.io.\*;**

**import java.lang.\*;**

**class Singleton1**

**{**

**private static Singleton1 single\_instance=null;**

**public String s;**

**private Singleton1(String s)**

**{**

**this.s=s;**

**}**

**public static Singleton1 getInstance(String s)**

**{**

**if(single\_instance==null)**

**single\_instance=new Singleton1(s);**

**return single\_instance;**

**}**

**}**

**class SingletonDesign**

**{**

**public static void main(String args[])throws IOException**

**{**

**DataInputStream ds=new DataInputStream(System.in);**

**System.out.println("\n\t\t SINGLETON DESIGN PATTERAN");**

**System.out.println("\n\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");**

**System.out.print("Enter String1:");**

**String s1=ds.readLine();**

**Singleton1 x=Singleton1.getInstance(s1);**

**x.s=(x.s).toUpperCase();**

**System.out.println("String from x is :"+x.s);**

**x.s=(x.s).toLowerCase();**

**System.out.println("String from x is :"+x.s);**

**}**

**}**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac SingletonDesign.java**

**Note: SingletonDesign.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java SingletonDesign**

**OUTPUT:**

**SINGLETON DESIGN PATTERAN**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Enter String1 :soma**

**String from x is :SOMA**

**String from x is :soma**

**ADAPTER DESIGN PATTERN**

**CODING:**

**public interface Student1**

**{**

**public void getid();**

**public void getname();**

**}**

**public class Details implements Student1**

**{**

**String name;**

**int id;**

**Details(String n,int i)**

**{**

**name=n;**

**id=i;**

**}**

**public void getid()**

**{**

**System.out.println("\n\t\t STUDENT MARK STATEMENT");**

**System.out.println("\n\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");**

**System.out.println("\n ID:"+id);**

**}**

**public void getname()**

**{**

**System.out.println("\n Name:"+name);**

**}**

**}**

**public class Marks**

**{**

**int m1,m2,m3,tot;**

**float avg;**

**Marks(int mark1,int mark2,int mark3)**

**{**

**m1=mark1;**

**m2=mark2;**

**m3=mark3;**

**System.out.println("\n Mark1:"+m1);**

**System.out.println("\n Mark2:"+m2);**

**System.out.println("\n Mark3:"+m3);**

**}**

**public void gettotal()**

**{**

**tot=m1+m2+m3;**

**System.out.println("\n Total:"+tot);**

**}**

**public void getaverage()**

**{**

**avg=tot/3;**

**System.out.println("\n Average:"+avg);**

**}**

**}**

**import java.io.\*;**

**class StudentDetails implements Student1**

**{**

**Marks mark;**

**public StudentDetails(Marks mark)**

**{**

**this.mark=mark;**

**}**

**public void getid()**

**{**

**mark.gettotal();**

**}**

**public void getname()**

**{**

**mark.getaverage();**

**if(mark.avg>=90)**

**System.out.println("\n Grade A");**

**else if(mark.avg>=90)**

**System.out.println("\n Grade B");**

**else if(mark.avg>=50)**

**System.out.println("\n Grade C");**

**else if(mark.avg>=35)**

**System.out.println("\n Grade D");**

**else**

**System.out.println("\n Failed");**

**}**

**}**

**class AdapterDesign**

**{**

**public static void main(String args[])throws IOException**

**{**

**DataInputStream ds=new DataInputStream(System.in);**

**System.out.println("\n\t ADAPTER DESIGN PATTERN");**

**System.out.println("\n\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");**

**System.out.print("\n Enter the name:");**

**String name=ds.readLine();**

**System.out.print("\n Enter id:");**

**int id=Integer.parseInt(ds.readLine());**

**System.out.print("\n Enter department:");**

**String dept=ds.readLine();**

**System.out.print("\n Enter mark1:");**

**int m1=Integer.parseInt(ds.readLine());**

**System.out.print("\n Enter mark2:");**

**int m2=Integer.parseInt(ds.readLine());**

**System.out.print("\n Enter mark3:");**

**int m3=Integer.parseInt(ds.readLine());**

**Details d=new Details(name,id);**

**d.getid();**

**d.getname();**

**Marks m=new Marks(m1,m2,m3);**

**m.gettotal();**

**m.getaverage();**

**StudentDetails sd=new StudentDetails(m);**

**sd.getid();**

**sd.getname();**

**}**

**}**

**C:\Program Files\Java\jdk1.8.0\_112\bin>javac AdapterDesign.java**

**Note: AdapterDesign.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**C:\Program Files\Java\jdk1.8.0\_112\bin>java AdapterDesign**

**OUTPUT:**

**ADAPTER DESIGN PATTERN**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Enter the name :somu**

**Enter id :03**

**Enter department :CSE**

**Enter mark1 :90**

**Enter mark2 :98**

**Enter mark3 :99**

**STUDENT MARK STATEMENT**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**ID :3**

**Name :somu**

**Mark1 :90**

**Mark2 :98**

**Mark3 :99**

**Total :287**

**Average :95.0**

**Total :287**

**Average :95.0**

**Grade A**

**SIMPLE APPLET**

**import java.applet.\*;**

**import javax.swing.\*;**

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

**/\*<applet code="EventJApplet" width=200 height=200>**

**</applet>\*/**

**public class EventJApplet extends JApplet implements ActionListener**

**{**

**JButton b;**

**JTextField tf;**

**public void init()**

**{**

**tf=new JTextField();**

**tf.setBounds(80,40,240,20);**

**b=new JButton("Click");**

**b.setBounds(170,80,70,20);**

**add(b);**

**add(tf);**

**b.addActionListener(this);**

**setLayout(null);**

**}**

**public void actionPerformed(ActionEvent e)**

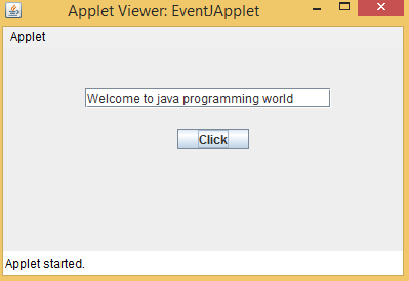
**{**

**tf.setText("Welcome to java programming world");**

**}**

**}**

**OUTPUT:**

****

**INSERT**

**import java.awt.\*;**

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

**import java.sql.\*;**

**public class insertjdbc extends Frame implements ActionListener**

**{**

**Label l1,l2;**

**TextField tf1,tf2;**

**Button b1,b2,b3;**

**Statement s1;**

**public insertjdbc()**

**{**

**l1=new Label("Reg no");**

**l2=new Label("Name");**

**tf1=new TextField(10);**

**tf2=new TextField(10);**

**b1=new Button("Insert");**

**b2=new Button("Cancel");**

**add(l1);**

**add(l2);**

**add(tf1);**

**add(tf2);**

**add(b1);**

**add(b2);**

**setLayout(null);**

**l1.setBounds(50,100,100,25);**

**l2.setBounds(50,150,100,25);**

**tf1.setBounds(150,100,100,25);**

**tf2.setBounds(150,150,100,25);**

**b1.setBounds(150,200,75,25);**

**b2.setBounds(225,200,75,25);**

**try**

**{**

**Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");**

**Connection c1=DriverManager.getConnection("jdbc:odbc:ss2");**

**s1=c1.createStatement();**

**}**

**catch(Exception ee)**

**{**

**System.out.println("error");**

**}**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ee)**

**{**

**if(ee.getSource()==b1)**

**{**

**int ii=Integer.parseInt(tf1.getText().trim());**

**String ss=tf2.getText().trim();**

**try**

**{**

**s1.executeUpdate("insert into Table1 values("+ii+",'"+ss+"')");**

**tf1.setText("");**

**tf2.setText("");**

**}**

**catch(Exception ee1)**

**{**

**System.out.println("Record not Inserted");**

**}**

**}**

**else**

**{**

**tf1.setText("");**

**tf2.setText("");**

**}**

**}**

**public static void main(String args[])**

**{**

**insertjdbc jj= new insertjdbc();**

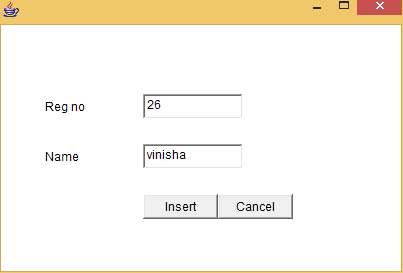
**jj.show();**

**jj.setLocation(100,100);**

**}**

**}**

**OUTPUT:**

****

| **Table1** | |
| --- | --- |
| **Reg\_no** | **Name** |
| 12 | vicky |
| 17 | devi |
| 23 | devaa |
| 26 | vinisha |
| 55 | sithi |
| 66 | revathi |
| 88 | somiya |

**UPDATE**

**import java.awt.\*;**

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

**import java.sql.\*;**

**public class updatejdbc2 extends Frame implements ActionListener**

**{**

**Label l1,l2;**

**TextField t1,t2;**

**Button b1,b2;**

**Statement s1;**

**public updatejdbc2()**

**{**

**l1=new Label("Reg\_no");**

**l2=new Label("Name");**

**t1=new TextField();**

**t2=new TextField();**

**b1=new Button("Update");**

**b2=new Button("Cancel");**

**add(l1);**

**add(l2);**

**add(t1);**

**add(t2);**

**add(b1);**

**add(b2);**

**setLayout(null);**

**l1.setBounds(50,100,100,25);**

**l2.setBounds(50,150,100,25);**

**t1.setBounds(150,100,100,25);**

**t2.setBounds(150,150,100,25);**

**b1.setBounds(150,200,75,25);**

**b2.setBounds(225,200,75,25);**

**try**

**{**

**Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");**

**System.out.println("values updated");**

**Connection C1=DriverManager.getConnection("jdbc:odbc:ss2");**

**System.out.println("completed");**

**s1=C1.createStatement();**

**}**

**catch(Exception ee)**

**{**

**System.out.println("Error"+ee);**

**}**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ee)**

**{**

**if(ee.getSource()==b1)**

**{**

**try**

**{**

**int ii=Integer.parseInt(t1.getText().trim());**

**String ss=t2.getText().trim();**

**s1.executeUpdate("Update Table1 set Name='"+ss+"' where Reg\_no="+ii+" ");**

**t1.setText("");**

**t2.setText("");**

**}**

**catch(Exception ee1)**

**{**

**System.out.println("Record not Updated"+ee1);**

**}**

**}**

**else**

**{**

**t1.setText("");**

**t2.setText("");**

**}**

**}**

**public static void main(String args[])**

**{**

**updatejdbc2 jj=new updatejdbc2();**

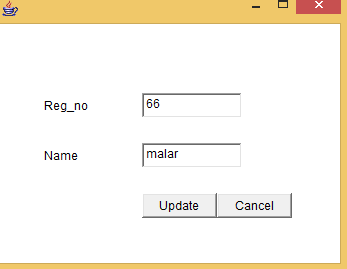
**jj.show();**

**jj.setLocation(100,100);**

**}**

**}**

**OUTPUT:**

****

| **Table1** | |
| --- | --- |
| **Reg\_no** | **Name** |
| 12 | vicky |
| 17 | devi |
| 23 | devaa |
| 26 | vinisha |
| 55 | sithi |
| 66 | malar |
| 88 | somiya |

**DELETE**

**import java.awt.\*;**

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

**import java.sql.\*;**

**public class deljdbc4 extends Frame implements ActionListener**

**{**

**Label l1;**

**TextField t1;**

**Button b1,b2;**

**Statement s1;**

**public deljdbc4()**

**{**

**l1=new Label("Reg\_no");**

**t1=new TextField(10);**

**b1=new Button("Delete");**

**b2=new Button("Cancel");**

**add(l1);**

**add(t1);**

**add(b1);**

**add(b2);**

**setLayout(null);**

**l1.setBounds(50,100,100,25);**

**t1.setBounds(150,100,100,25);**

**b1.setBounds(150,200,75,25);**

**b2.setBounds(225,200,75,25);**

**try**

**{**

**Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");**

**System.out.println("Values Deleted");**

**Connection con=DriverManager.getConnection("Jdbc:Odbc:ss2");**

**System.out.println("Connected");**

**s1=con.createStatement();**

**}**

**catch(Exception ee)**

**{**

**System.out.println("error"+ee);**

**}**

**b1.addActionListener(this);**

**b2.addActionListener(this);**

**}**

**public void actionPerformed(ActionEvent ee)**

**{**

**if(ee.getSource()==b1)**

**{**

**int ii=Integer.parseInt(t1.getText().trim());**

**String ss=t1.getText().trim();**

**try**

**{**

**s1.executeUpdate("Delete from Table1 where Reg\_no="+ii+"");**

**t1.setText(" ");**

**}**

**catch(Exception ee1)**

**{**

**System.out.println("Record not Deleted"+ee1);**

**}**

**}**

**else**

**{**

**t1.setText(" ");**

**}**

**}**

**public static void main(String args[])**

**{**

**deljdbc4 jj=new deljdbc4();**

**jj.show();**

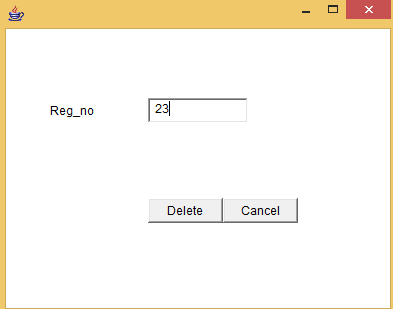
**jj.setSize(400,400);**

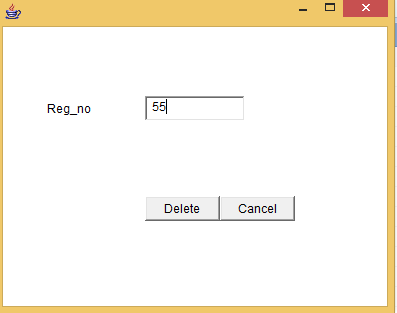
**jj.setLocation(100,100);**

**}**

**}**

**OUTPUT:**

****

****

| **Table1** | |
| --- | --- |
| **Reg\_no** | **Name** |
| 12 | vicky |
| 17 | devi |
| 26 | vinisha |
| 66 | malar |
| 88 | somiya |

**VIEW**

**import java.awt.\*;**

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

**import java.sql.\*;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**import java.sql.Statement;**

**public class view**

**{**

**static final String DB\_URL="Jdbc:Odbc:ss2";**

**static final String QUERY="SELECT Reg\_no,Name FROM Table1";**

**public static void main(String args[])**

**{**

**try**

**{**

**Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");**

**Connection con=DriverManager.getConnection("jdbc:odbc:ss2");**

**Statement stmt=con.createStatement();**

**ResultSet rs=stmt.executeQuery("SELECT Reg\_no,Name FROM Table1");**

**System.out.println("Reg\_no \t Name");**

**while(rs.next())**

**{**

**System.out.print("\n"+rs.getInt("Reg\_no")+"\t"+rs.getString("Name"));**

**}**

**rs.close();**

**stmt.close();**

**con.close();**

**}**

**catch(Exception e)**

**{**

**System.out.println("Exception:"+e.getMessage());**

**}**

**}**

**}**

**OUTPUT**

**Microsoft Windows [Version 6.3.9600]**

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**C:\Users\Admin>cd..**

**C:\Users>cd..**

**C:\>g:**

**G:\>set path=C:\Program Files (x86)\Java\jdk1.5.0\_05\bin**

**G:\>javac view.java**

**G:\>java view**

**Reg\_no Name**

**12 vicky**

**17 devi**

**66 malar**

**88 somiya**

**26 vinisha**