SHRI VILEPARLE KELAVANI MANDAL'S
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC ACCREDITED with "A" GRADE (CGPA : 3.18)

DEPARTMENT OF INFORMATION TECHNOLOGY

COURSE CODE: DJS22ITL306   **DATE: 1-12-23**

COURSE NAME: Programing Laboratory 1 (Advanced Java)

CLASS: S.Y B. Tech IT

NAME: ANISH SHARMA   **SAP.ID.: 60003220045**

EXPERIMENT NO. 5

CO/LO:
CO1- Modify the behaviour of methods, classes, and interfaces at runtime.

AIM / OBJECTIVE:

For a given problem statement build an application with Java Beans and connect with JDBC.

PROBLEM STATEMENTS:

1. Write a Java program to create multiple frames containing personal information, educational information and extra-curricular achievements.
   Provide an option to go back and forth from one frame to another frame.
   Submit button on last frame should pop up a dialogue box showing successful message.
   And perform the connectivity with MySQL database using JAR connector files.

   Create 3 tables in MySQL database, for each field in Resume form created on Java Netbeans. And insert values into all the tables when Submit button is clicked on Java GUI form. Fetch the values from database and display when clicked in display button.

CODE:

SQL:

```
create database amit;
use amit;

create table PersonalDetails (
    name varchar(20),
  email varchar(20),
  mob Varchar(15),
  gender varchar(10),
);
```

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```sql
create table EducationalDetails (
    SSC varchar(20),
    HSC varchar(20),
    CET Varchar(15),
    SEM1 varchar(10),
    SEM2 varchar(30)
);

create table ExtracurricalarDetails (
    details varchar(20)
);
```

Main File:

```java
package jdbc;

/**
 *
 * @author DJSCE.Student
 */
public class JDBC {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        PersonalInfo pi = new PersonalInfo();
        pi.setVisible(true);
    }

}
```

Form 1:

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package jdbc;
```

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.*;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 *
 * @author DJSCE.Student
 */
public class PersonalInfo extends javax.swing.JFrame {

    /**
     * Creates new form PersonalInfo
     */
    String name, email, dob, add, mob;
    Statement stmt;


    public PersonalInfo() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
```

```java
jTextField1 = new javax.swing.JTextField();
jTextField2 = new javax.swing.JTextField();
jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jTextField5 = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setText("Personal Details");

jButton1.setText("Next");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jLabel2.setText("Name: ");

jLabel3.setText("Email:");

jLabel4.setText("Mob.: ");

jLabel5.setText("Add.:");

jLabel6.setText("Dob.:");

jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

jTextField2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField2ActionPerformed(evt);
    }
});

jTextField3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField3ActionPerformed(evt);
    }
```

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```java
        });

        jTextField4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField4ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(38, 38, 38)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addComponent(jLabel6)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.TRAILING, false)
                        .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel4)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel3)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel2)
                            .addGap(18, 18, 18)
```

```java
                        .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jLabel5)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING, false)
                                .addGroup(layout.createSequentialGroup()
                                    .addGap(104, 104, 104)
                                    .addComponent(jLabel1))
                                .addComponent(jTextField5,
javax.swing.GroupLayout.DEFAULT_SIZE, 254, Short.MAX_VALUE)))))
                .addContainerGap(56, Short.MAX_VALUE))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jButton1)
                .addGap(158, 158, 158))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1)
                .addGap(30, 30, 30)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel2)
                    .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel3)
                    .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
```

```java
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel4)
                    .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(21, 21, 21)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel6)
                    .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(18, 18, 18)
                        .addComponent(jLabel5))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(15, 15, 15)
                        .addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNREL
ATED)
                .addComponent(jButton1)
                .addContainerGap(13, Short.MAX_VALUE))
        );

        pack();
    }// </editor-fold>//GEN-END:initComponents

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:
        name = jTextField1.getText();
        email = jTextField2.getText();
        mob =  jTextField3.getText();
        dob = jTextField4.getText();
        add = jTextField5.getText();
```

```java
        try (Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/amit?user=root&password=
pass1234&characterEncoding=UTF-8"))
        {
            stmt=con.createStatement();

            stmt.executeUpdate("insert into PersonalDetails
values('"+name+"','"+email+"', '"+mob+"', '"+dob+"', '"+add+"')");
            ResultSet rs=stmt.executeQuery("select * from PersonalDetails");
            System.out.println(rs.getString(1));
        } catch (SQLException ex) {
            Logger.getLogger(PersonalInfo.class.getName()).log(Level.SEVERE,
null, ex);
        }

    EducationallInfo ed = new EducationalInfo();

    ed.setVisible(true);
    }//GEN-LAST:event_jButton1ActionPerformed

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField1ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField1ActionPerformed

    private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField2ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField2ActionPerformed

    private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField3ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField3ActionPerformed

    private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField4ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField4ActionPerformed

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
```

```java
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the
default look and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new PersonalInfo().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
```

```java
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JTextField jTextField1;
    private javax.swing.JTextField jTextField2;
    private javax.swing.JTextField jTextField3;
    private javax.swing.JTextField jTextField4;
    private javax.swing.JTextField jTextField5;
    // End of variables declaration//GEN-END:variables
}
```

Form 2:

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package jdbc;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.*;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 *
 * @author DJSCE.Student
 */
public class EducationalInfo extends javax.swing.JFrame {

    /**
     * Creates new form PersonalInfo
     */
    String ssc, hsc, cet, sem1, sem2;
    Statement stmt;
```

```java
    public EducationalInfo() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jTextField2 = new javax.swing.JTextField();
        jTextField3 = new javax.swing.JTextField();
        jTextField4 = new javax.swing.JTextField();
        jTextField5 = new javax.swing.JTextField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setText("Educational Details");

        jButton1.setText("next");
        jButton2.setText("prev");

        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        jLabel2.setText("10th Percentage: ");
```

```java
        jLabel3.setText("12th Percentage:");

        jLabel4.setText("CET Percentile: ");

        jLabel5.setText("SEM1 CGPA:");

        jLabel6.setText("SEM2 CGPA:");

        jTextField1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField1ActionPerformed(evt);
            }
        });

        jTextField2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField2ActionPerformed(evt);
            }
        });

        jTextField3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField3ActionPerformed(evt);
            }
        });

        jTextField4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField4ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(38, 38, 38)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addComponent(jLabel6)
```

```java
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.TRAILING, false)
                        .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel4)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel3)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel2)
                            .addGap(18, 18, 18)
                            .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jLabel5)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING, false)
                                .addGroup(layout.createSequentialGroup()
                                    .addGap(104, 104, 104)
                                    .addComponent(jLabel1))
                                .addComponent(jTextField5,
javax.swing.GroupLayout.DEFAULT_SIZE, 254, Short.MAX_VALUE)))))
                    .addContainerGap(56, Short.MAX_VALUE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
```

```java
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jButton1)
                .addGap(158, 158, 158))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1)
                .addGap(30, 30, 30)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel2)
                    .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel3)
                    .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel4)
                    .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(21, 21, 21)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel6)
                    .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(18, 18, 18)
                        .addComponent(jLabel5))
```

```java
                    .addGroup(layout.createSequentialGroup()
                        .addGap(15, 15, 15)
                        .addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNREL
ATED)
                    .addComponent(jButton1)
                    .addContainerGap(13, Short.MAX_VALUE))
        );

        pack();
    }// </editor-fold>//GEN-END:initComponents

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:
        ssc = jTextField1.getText();
        hsc = jTextField2.getText();
        cet =  jTextField3.getText();
        sem1 = jTextField4.getText();
        sem2 = jTextField5.getText();

        try (Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/amit?user=root&password=
pass1234&characterEncoding=UTF-8"))
        {
            stmt=con.createStatement();

            stmt.executeUpdate("insert into EducationalDetails
values('"+ssc+"','"+hsc+"', '"+cet+"', '"+sem1+"', '"+sem2+"')");
            ResultSet rs=stmt.executeQuery("select * from EducationalDetails");
            System.out.println(rs.getString(1));
        } catch (SQLException ex) {
            Logger.getLogger(EducationalInfo.class.getName()).log(Level.SEVERE,
null, ex);
        }

    }//GEN-LAST:event_jButton1ActionPerformed

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-   FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:
```

```java
        PersonalInfo pd = new PersonalInfo();

        pd.setVisible(true);

    }//GEN-LAST:event_jButton1ActionPerformed

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField1ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField1ActionPerformed

    private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField2ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField2ActionPerformed

    private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField3ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField3ActionPerformed

    private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField4ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField4ActionPerformed

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the
default look and feel.
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
```

```java
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new PersonalInfo().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JTextField jTextField1;
    private javax.swing.JTextField jTextField2;
    private javax.swing.JTextField jTextField3;
    private javax.swing.JTextField jTextField4;
    private javax.swing.JTextField jTextField5;
    // End of variables declaration//GEN-END:variables
}
```

Form 3:

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package jdbc;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.*;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 *
 * @author DJSCE.Student
 */
public class Extracurricular extends javax.swing.JFrame {

    /**
     * Creates new form PersonalInfo
     */
    String details;
    Statement stmt;


    public ExtracurricularInfo() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-
BEGIN:initComponents
    private void initComponents() {
```

```java
jLabel1 = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel2 = new javax.swing.JLabel();
jTextField1 = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setText("Extracurricular Details");

jButton1.setText("Submit");
jButton2.setText("Previous");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jLabel2.setText("Enter Details Below ");

jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

jTextField2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField2ActionPerformed(evt);
    }
});

jTextField3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField3ActionPerformed(evt);
    }
});

jTextField4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField4ActionPerformed(evt);
    }
```

```java
        });

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(38, 38, 38)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addComponent(jLabel6)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.TRAILING, false)
                        .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel4)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel3)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                            .addComponent(jLabel2)
                            .addGap(18, 18, 18)
                            .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 254,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jLabel5)
```

```java
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPla
cement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING, false)
                            .addGroup(layout.createSequentialGroup()
                                .addGap(104, 104, 104)
                                .addComponent(jLabel1))
                            .addComponent(jTextField5,
javax.swing.GroupLayout.DEFAULT_SIZE, 254, Short.MAX_VALUE)))))
                    .addContainerGap(56, Short.MAX_VALUE))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addComponent(jButton1)
                    .addGap(158, 158, 158))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1)
                .addGap(30, 30, 30)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel2)
                    .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel3)
                    .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel4)
                    .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```java
                .addGap(21, 21, 21)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
                    .addComponent(jLabel6)
                    .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(18, 18, 18)
                        .addComponent(jLabel5))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(15, 15, 15)
                        .addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNREL
ATED)
                .addComponent(jButton1)
                .addContainerGap(13, Short.MAX_VALUE))
        );

        pack();
    }// </editor-fold>//GEN-END:initComponents

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:
        details = jTextField1.getText();

        try (Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/amit?user=root&password=
pass1234&characterEncoding=UTF-8"))
        {
            stmt=con.createStatement();

            stmt.executeUpdate("insert into ExtracurricularDetails
values('"+details+")");
            ResultSet rs=stmt.executeQuery("select * from
ExtracurricularDetails");
            System.out.println(rs.getString(1));
        } catch (SQLException ex) {
```

```java
                    Logger.getLogger(Info.class.getName()).log(Level.SEVERE, null,
ex);Extracurricular
        }

    }//GEN-LAST:event_jButton1ActionPerformed
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton1ActionPerformed
        // TODO add your handling code here:

      EducationalInfo ed = new EducationalInfo();

       ed.setVisible(true);

      }//GEN-LAST:event_jButton1ActionPerformed

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField1ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField1ActionPerformed

    private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField2ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField2ActionPerformed

    private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField3ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField3ActionPerformed

    private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField4ActionPerformed
        // TODO add your handling code here:
    }//GEN-LAST:event_jTextField4ActionPerformed

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the
default look and feel.
```

```java
         * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(PersonalInfo.class.getName()).log(
java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new PersonalInfo().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify//GEN-BEGIN:variables
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JTextField jTextField1;
```

SHRI VILEPARLE KELAVANI MANDAL'S
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC ACCREDITED with "A" GRADE (CGPA : 3.18)

```java
    private javax.swing.JTextField jTextField2;
    private javax.swing.JTextField jTextField3;
    private javax.swing.JTextField jTextField4;
    private javax.swing.JTextField jTextField5;
    // End of variables declaration//GEN-END:variables
}
```

OUTPUT

Personal Details

Name:

Gender:

○ Male   ○ Female

Email:

Phone No:

Next

SHRI VILEPARLE KELAVANI MANDAL'S
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Educational Details

10th Percentage:

12th Percentage:

CET Percentile

SEM 1 CGPA

SEM 2 CGPA

prev   next

Extracurricular Details

Enter Details Below

Previous   Submit

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Message   ✕

(i) Data saves succesfully

OK

CONCLUSION:

Java Data Base Connectivity (JDBC) has been implemented successfully.