LOGIN CLASS:

package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.sql.\*;

public class Login extends JFrame implements ActionListener{

JButton login, cancel;

JTextField tfusername, tfpassword;

Login () {

getContentPane().setBackground(Color.WHITE);

setLayout(null);

JLabel lblusername = new JLabel("USERNAME");

lblusername.setBounds(40, 20, 100, 20);

add(lblusername);

tfusername = new JTextField();

tfusername.setBounds(150, 20, 150, 20);

add(tfusername);

JLabel lblpassword = new JLabel("PASSWORD");

lblpassword.setBounds(40, 70, 100, 20);

add(lblpassword);

tfpassword = new JPasswordField();

tfpassword.setBounds(150, 70, 150, 20);

add(tfpassword);

login = new JButton("Login");

login.setBounds(40, 140, 120, 30);

login.setBackground(Color.BLACK);

login.setForeground(Color.WHITE);

login.addActionListener(this);

login.setFont(new Font("Tahoma", Font.BOLD, 15));

add(login);

cancel = new JButton("Cancel");

cancel.setBounds(180, 140, 120, 30);

cancel.setBackground(Color.RED);

cancel.setForeground(Color.YELLOW);

cancel.addActionListener(this);

cancel.setFont(new Font("Tahoma", Font.BOLD, 15));

add(cancel);

ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/loginimp.jpg"));

Image i2 = i1.getImage().getScaledInstance(200, 200, Image.SCALE\_DEFAULT);

ImageIcon i3 = new ImageIcon(i2);

JLabel image = new JLabel(i3);

image.setBounds(350, 0, 200, 200);

add(image);

setSize(600, 300);

setLocation(500, 250);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == login) {

String username = tfusername.getText();

String password = tfpassword.getText();

String query = "select \* from login where username='"+username+"' and password='"+password+"'";

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery(query);

if (rs.next()) {

setVisible(false);

new Project();

} else {

JOptionPane.showMessageDialog(null, "Invalid username or password");

setVisible(false);

}

} catch (Exception e) {

e.printStackTrace();

}

} else if (ae.getSource() == cancel) {

setVisible(false);

}

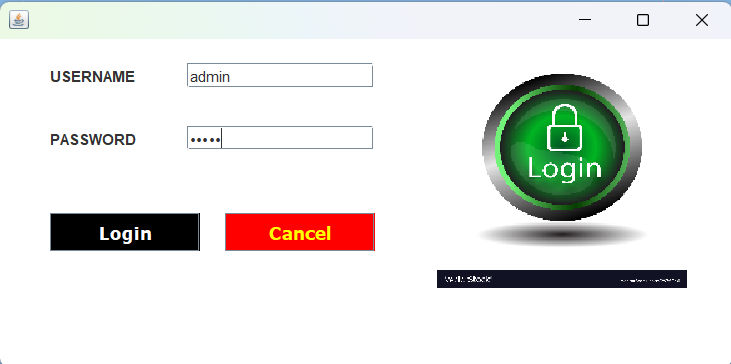
}

public static void main(String[] args) {

new Login();

}

}



PROJECT CLASS:

package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

public class Project extends JFrame implements ActionListener {

Project() {

setSize(1540, 850);

ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/UNIVERSITY.jpg"));

Image i2 = i1.getImage().getScaledInstance(1500, 750, Image.SCALE\_DEFAULT);

ImageIcon i3 = new ImageIcon(i2);

JLabel image = new JLabel(i3);

add(image);

JMenuBar mb = new JMenuBar();

// New Information

JMenu newInformation = new JMenu("New Information");

newInformation.setForeground(Color.BLUE);

mb.add(newInformation);

JMenuItem facultyInfo = new JMenuItem("New Faculty Information");

facultyInfo.setBackground(Color.WHITE);

facultyInfo.addActionListener(this);

newInformation.add(facultyInfo);

JMenuItem studentInfo = new JMenuItem("New Student Information");

studentInfo.setBackground(Color.WHITE);

studentInfo.addActionListener(this);

newInformation.add(studentInfo);

// Details

JMenu details = new JMenu("View Details");

details.setForeground(Color.RED);

mb.add(details);

JMenuItem facultydetails = new JMenuItem("View Faculty Details");

facultydetails.setBackground(Color.WHITE);

facultydetails.addActionListener(this);

details.add(facultydetails);

JMenuItem studentdetails = new JMenuItem("View Student Details");

studentdetails.setBackground(Color.WHITE);

studentdetails.addActionListener(this);

details.add(studentdetails);

// Leave

JMenu leave = new JMenu("Apply Leave");

leave.setForeground(Color.BLUE);

mb.add(leave);

JMenuItem facultyleave = new JMenuItem("Faculty Leave");

facultyleave.setBackground(Color.WHITE);

facultyleave.addActionListener(this);

leave.add(facultyleave);

JMenuItem studentleave = new JMenuItem("Student Leave");

studentleave.setBackground(Color.WHITE);

studentleave.addActionListener(this);

leave.add(studentleave);

// Leave Details

JMenu leaveDetails = new JMenu("Leave Details");

leaveDetails.setForeground(Color.RED);

mb.add(leaveDetails);

JMenuItem facultyleavedetails = new JMenuItem("Faculty Leave Details");

facultyleavedetails.setBackground(Color.WHITE);

facultyleavedetails.addActionListener(this);

leaveDetails.add(facultyleavedetails);

JMenuItem studentleavedetails = new JMenuItem("Student Leave Details");

studentleavedetails.setBackground(Color.WHITE);

studentleavedetails.addActionListener(this);

leaveDetails.add(studentleavedetails);

// Exams

JMenu exam = new JMenu("Examination");

exam.setForeground(Color.BLUE);

mb.add(exam);

JMenuItem examinationdetails = new JMenuItem("Examination Results");

examinationdetails.setBackground(Color.WHITE);

examinationdetails.addActionListener(this);

exam.add(examinationdetails);

JMenuItem entermarks = new JMenuItem("Enter Marks");

entermarks.setBackground(Color.WHITE);

entermarks.addActionListener(this);

exam.add(entermarks);

// UpdateInfo

JMenu updateInfo = new JMenu("Update Details");

updateInfo.setForeground(Color.RED);

mb.add(updateInfo);

JMenuItem updatefacultyinfo = new JMenuItem("Update Faculty Details");

updatefacultyinfo.setBackground(Color.WHITE);

updatefacultyinfo.addActionListener(this);

updateInfo.add(updatefacultyinfo);

JMenuItem updatestudentinfo = new JMenuItem("Update Student Details");

updatestudentinfo.setBackground(Color.WHITE);

updatestudentinfo.addActionListener(this);

updateInfo.add(updatestudentinfo);

// fee

JMenu fee = new JMenu("Fee Details");

fee.setForeground(Color.BLUE);

mb.add(fee);

JMenuItem feestructure = new JMenuItem("Fee Structure");

feestructure.setBackground(Color.WHITE);

feestructure.addActionListener(this);

fee.add(feestructure);

JMenuItem feeform = new JMenuItem("Student Fee Form");

feeform.setBackground(Color.WHITE);

feeform.addActionListener(this);

fee.add(feeform);

// Delete

JMenu delete = new JMenu("Delete");

delete.setForeground(Color.RED);

mb.add(delete);

JMenuItem deleteStudentInfo = new JMenuItem("Delete Student Information");

deleteStudentInfo.setBackground(Color.WHITE);

deleteStudentInfo.addActionListener(this);

delete.add(deleteStudentInfo);

// about

JMenu about = new JMenu("About");

about.setForeground(Color.BLUE);

mb.add(about);

JMenuItem ab = new JMenuItem("About");

ab.setBackground(Color.WHITE);

ab.addActionListener(this);

about.add(ab);

// exit

JMenu exit = new JMenu("Exit");

exit.setForeground(Color.RED);

mb.add(exit);

JMenuItem ex = new JMenuItem("Exit");

ex.setBackground(Color.WHITE);

ex.addActionListener(this);

exit.add(ex);

setJMenuBar(mb);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {

String msg = ae.getActionCommand();

if (msg.equals("Exit")) {

setVisible(false);

} else if (msg.equals("Calculator")) {

try {

Runtime.getRuntime().exec("calc.exe");

} catch (Exception e) {

e.printStackTrace();

}

} else if (msg.equals("Notepad")) {

try {

Runtime.getRuntime().exec("notepad.exe");

} catch (Exception e) {

e.printStackTrace();

}

} else if (msg.equals("New Faculty Information")) {

new AddTeacher();

} else if (msg.equals("New Student Information")) {

new AddStudent();

} else if (msg.equals("View Faculty Details")) {

new TeacherDetails();

} else if (msg.equals("View Student Details")) {

new StudentDetails();

} else if (msg.equals("Faculty Leave")) {

new TeacherLeave();

} else if (msg.equals("Student Leave")) {

new StudentLeave();

} else if (msg.equals("Faculty Leave Details")) {

new TeacherLeaveDetails();

} else if (msg.equals("Student Leave Details")) {

new StudentLeaveDetails();

} else if (msg.equals("Update Faculty Details")) {

new UpdateTeacher();

} else if (msg.equals("Update Student Details")) {

new UpdateStudent();

} else if (msg.equals("Enter Marks")) {

new EnterMarks();

} else if (msg.equals("Examination Results")) {

new ExaminationDetails();

} else if (msg.equals("Fee Structure")) {

new Feestructure();

} else if (msg.equals("About")) {

new About();

} else if (msg.equals("Student Fee Form")) {

new StudentFeeForm();

} else if (msg.equals("Delete Student Information")) {

new deleteRecords();

}

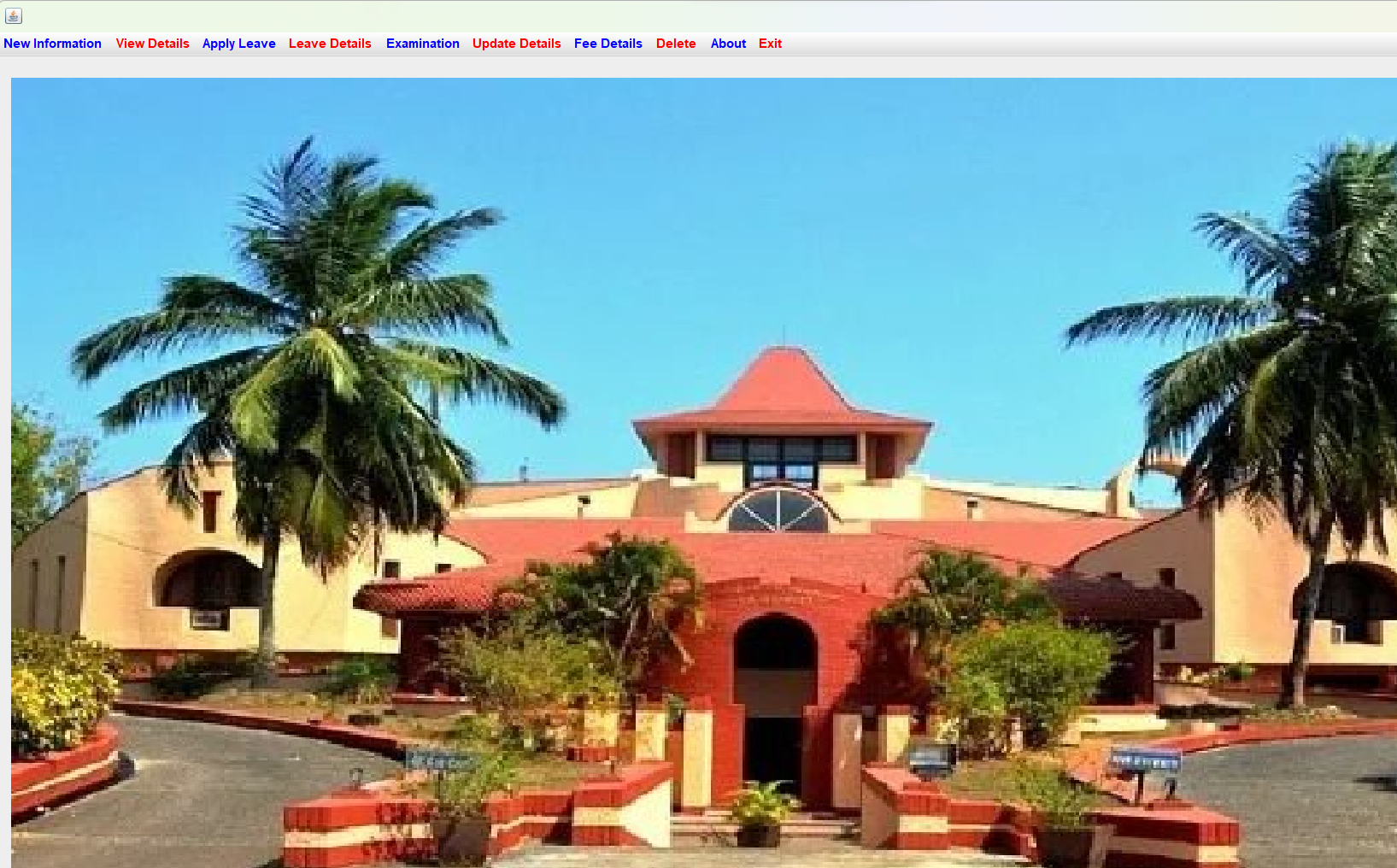
}

public static void main(String[] args) {

new Project();

}

}



ADD STUDENT DETAILS CLASS:  
package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.util.\*;

import com.toedter.calendar.JDateChooser;

import java.awt.event.\*;

public class AddStudent extends JFrame implements ActionListener{

JTextField tfname, tffname, tfaddress, tfphone, tfemail, tfx, tfxii, tfaadhar;

JLabel labelrollno;

JDateChooser dcdob;

JComboBox cbcourse, cbbranch;

JButton submit, cancel;

Random ran = new Random();

long first4 = Math.abs((ran.nextLong() % 9000L) + 1000L);

AddStudent() {

setSize(900, 700);

setLocation(350, 50);

setLayout(null);

JLabel heading = new JLabel("New Student Details");

heading.setBounds(310, 30, 500, 50);

heading.setFont(new Font("serif", Font.BOLD, 30));

add(heading);

JLabel lblname = new JLabel("Name");

lblname.setBounds(50, 150, 100, 30);

lblname.setFont(new Font("serif", Font.BOLD, 20));

add(lblname);

tfname = new JTextField();

tfname.setBounds(200, 150, 150, 30);

add(tfname);

JLabel lblfname = new JLabel("Father's Name");

lblfname.setBounds(400, 150, 200, 30);

lblfname.setFont(new Font("serif", Font.BOLD, 20));

add(lblfname);

tffname = new JTextField();

tffname.setBounds(600, 150, 150, 30);

add(tffname);

JLabel lblrollno = new JLabel("Roll Number");

lblrollno.setBounds(50, 200, 200, 30);

lblrollno.setFont(new Font("serif", Font.BOLD, 20));

add(lblrollno);

labelrollno = new JLabel("1533"+first4);

labelrollno.setBounds(200, 200, 200, 30);

labelrollno.setFont(new Font("serif", Font.BOLD, 20));

add(labelrollno);

JLabel lbldob = new JLabel("Date of Birth");

lbldob.setBounds(400, 200, 200, 30);

lbldob.setFont(new Font("serif", Font.BOLD, 20));

add(lbldob);

dcdob = new JDateChooser();

dcdob.setBounds(600, 200, 150, 30);

add(dcdob);

JLabel lbladdress = new JLabel("Address");

lbladdress.setBounds(50, 250, 200, 30);

lbladdress.setFont(new Font("serif", Font.BOLD, 20));

add(lbladdress);

tfaddress = new JTextField();

tfaddress.setBounds(200, 250, 150, 30);

add(tfaddress);

JLabel lblphone = new JLabel("Phone");

lblphone.setBounds(400, 250, 200, 30);

lblphone.setFont(new Font("serif", Font.BOLD, 20));

add(lblphone);

tfphone = new JTextField();

tfphone.setBounds(600, 250, 150, 30);

add(tfphone);

JLabel lblemail = new JLabel("Email Id");

lblemail.setBounds(50, 300, 200, 30);

lblemail.setFont(new Font("serif", Font.BOLD, 20));

add(lblemail);

tfemail = new JTextField();

tfemail.setBounds(200, 300, 150, 30);

add(tfemail);

JLabel lblx = new JLabel("Class X (%)");

lblx.setBounds(400, 300, 200, 30);

lblx.setFont(new Font("serif", Font.BOLD, 20));

add(lblx);

tfx = new JTextField();

tfx.setBounds(600, 300, 150, 30);

add(tfx);

JLabel lblxii = new JLabel("Class XII (%)");

lblxii.setBounds(50, 350, 200, 30);

lblxii.setFont(new Font("serif", Font.BOLD, 20));

add(lblxii);

tfxii = new JTextField();

tfxii.setBounds(200, 350, 150, 30);

add(tfxii);

JLabel lblaadhar = new JLabel("Aadhar Number");

lblaadhar.setBounds(400, 350, 200, 30);

lblaadhar.setFont(new Font("serif", Font.BOLD, 20));

add(lblaadhar);

tfaadhar = new JTextField();

tfaadhar.setBounds(600, 350, 150, 30);

add(tfaadhar);

JLabel lblcourse = new JLabel("Course");

lblcourse.setBounds(50, 400, 200, 30);

lblcourse.setFont(new Font("serif", Font.BOLD, 20));

add(lblcourse);

String course[] = {"B.Tech", "BBA", "BCA", "Bsc", "Msc", "MBA", "MCA", "MCom", "MA", "BA"};

cbcourse = new JComboBox(course);

cbcourse.setBounds(200, 400, 150, 30);

cbcourse.setBackground(Color.WHITE);

add(cbcourse);

JLabel lblbranch = new JLabel("Branch");

lblbranch.setBounds(400, 400, 200, 30);

lblbranch.setFont(new Font("serif", Font.BOLD, 20));

add(lblbranch);

String branch[] = {"Computer Science", "Electronics", "Mechanical", "Civil", "IT"};

cbbranch = new JComboBox(branch);

cbbranch.setBounds(600, 400, 150, 30);

cbbranch.setBackground(Color.WHITE);

add(cbbranch);

submit = new JButton("Submit");

submit.setBounds(250, 550, 120, 30);

submit.setBackground(Color.BLACK);

submit.setForeground(Color.WHITE);

submit.addActionListener(this);

submit.setFont(new Font("Tahoma", Font.BOLD, 15));

add(submit);

cancel = new JButton("Cancel");

cancel.setBounds(450, 550, 120, 30);

cancel.setBackground(Color.BLACK);

cancel.setForeground(Color.WHITE);

cancel.addActionListener(this);

cancel.setFont(new Font("Tahoma", Font.BOLD, 15));

add(cancel);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == submit) {

String name = tfname.getText();

String fname = tffname.getText();

String rollno = labelrollno.getText();

String dob = ((JTextField) dcdob.getDateEditor().getUiComponent()).getText();

String address = tfaddress.getText();

String phone = tfphone.getText();

String email = tfemail.getText();

String x = tfx.getText();

String xii = tfxii.getText();

String aadhar = tfaadhar.getText();

String course = (String) cbcourse.getSelectedItem();

String branch = (String) cbbranch.getSelectedItem();

try {

String query = "insert into student values('"+name+"', '"+fname+"', '"+rollno+"', '"+dob+"', '"+address+"', '"+phone+"', '"+email+"', '"+x+"', '"+xii+"', '"+aadhar+"', '"+course+"', '"+branch+"')";

Conn con = new Conn();

con.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "Student Details Inserted Successfully");

setVisible(false);

} catch (Exception e) {

e.printStackTrace();

}

} else {

setVisible(false);

}

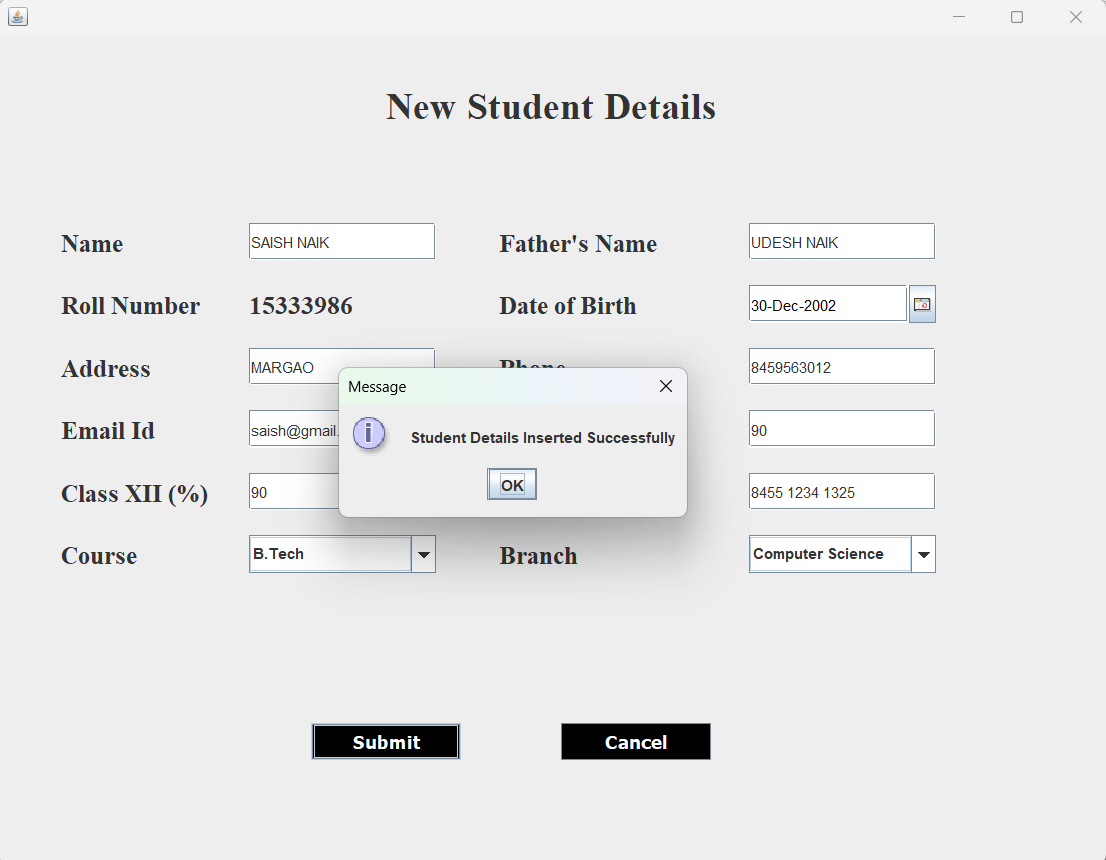
}

public static void main(String[] args) {

new AddStudent();

}

}



View student details:

package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.sql.\*;

import net.proteanit.sql.DbUtils;

import java.awt.event.\*;

public class StudentDetails extends JFrame implements ActionListener {

Choice crollno;

JTable table;

JButton search, print, update, add, cancel;

StudentDetails() {

getContentPane().setBackground(Color.WHITE);

setLayout(null);

JLabel heading = new JLabel("Search by Roll Number");

heading.setBounds(20, 20, 150, 20);

add(heading);

crollno = new Choice();

crollno.setBounds(180, 20, 150, 20);

add(crollno);

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery("select \* from student");

while(rs.next()) {

crollno.add(rs.getString("rollno"));

}

} catch (Exception e) {

e.printStackTrace();

}

table = new JTable();

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery("select \* from student");

table.setModel(DbUtils.resultSetToTableModel(rs));

} catch (Exception e) {

e.printStackTrace();

}

JScrollPane jsp = new JScrollPane(table);

jsp.setBounds(0, 100, 900, 600);

add(jsp);

search = new JButton("Search");

search.setBounds(20, 70, 80, 20);

search.addActionListener(this);

add(search);

add = new JButton("Add");

add.setBounds(120, 70, 80, 20);

add.addActionListener(this);

add(add);

update = new JButton("Update");

update.setBounds(220, 70, 80, 20);

update.addActionListener(this);

add(update);

cancel = new JButton("Cancel");

cancel.setBounds(320, 70, 80, 20);

cancel.addActionListener(this);

add(cancel);

setSize(900, 700);

setLocation(300, 100);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == search) {

String query = "select \* from student where rollno = '"+crollno.getSelectedItem()+"'";

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery(query);

table.setModel(DbUtils.resultSetToTableModel(rs));

} catch (Exception e) {

e.printStackTrace();

}

} else if (ae.getSource() == print) {

try {

table.print();

} catch (Exception e) {

e.printStackTrace();

}

} else if (ae.getSource() == add) {

setVisible(false);

new AddStudent();

} else if (ae.getSource() == update) {

setVisible(false);

new UpdateStudent();

} else {

setVisible(false);

}

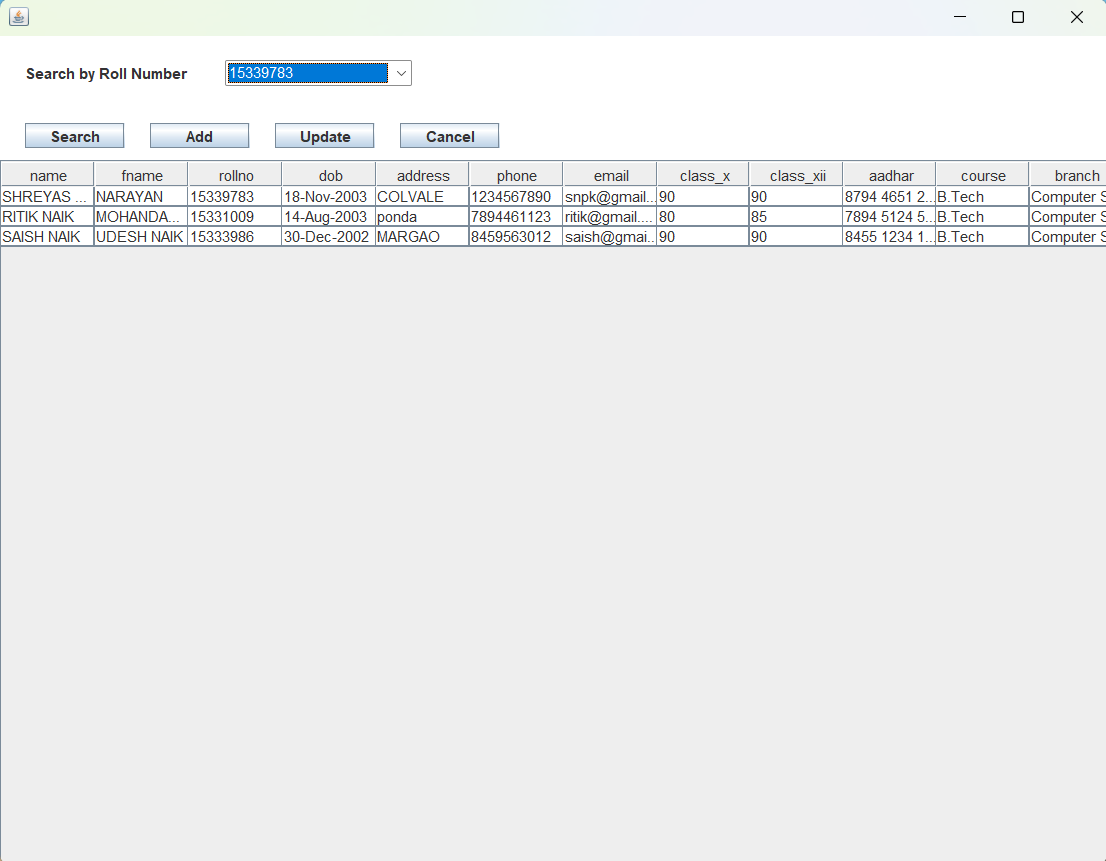
}

public static void main(String[] args) {

new StudentDetails();

}

}



UPDATE STUDENT DETAILS:

package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.sql.\*;

public class UpdateStudent extends JFrame implements ActionListener{

JTextField tfcourse, tfaddress, tfphone, tfemail, tfbranch;

JLabel labelrollno;

JButton submit, cancel;

Choice crollno;

UpdateStudent() {

setSize(900, 650);

setLocation(350, 50);

setLayout(null);

JLabel heading = new JLabel("Update Student Details");

heading.setBounds(50, 10, 500, 50);

heading.setFont(new Font("Tahoma", Font.ITALIC, 35));

add(heading);

JLabel lblrollnumber = new JLabel("Select Roll Number");

lblrollnumber.setBounds(50, 100, 200, 20);

lblrollnumber.setFont(new Font("serif", Font.PLAIN, 20));

add(lblrollnumber);

crollno = new Choice();

crollno.setBounds(250, 100, 200, 20);

add(crollno);

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery("select \* from student");

while(rs.next()) {

crollno.add(rs.getString("rollno"));

}

} catch (Exception e) {

e.printStackTrace();

}

JLabel lblname = new JLabel("Name");

lblname.setBounds(50, 150, 100, 30);

lblname.setFont(new Font("serif", Font.BOLD, 20));

add(lblname);

JLabel labelname = new JLabel();

labelname.setBounds(200, 150, 150, 30);

labelname.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelname);

JLabel lblfname = new JLabel("Father's Name");

lblfname.setBounds(400, 150, 200, 30);

lblfname.setFont(new Font("serif", Font.BOLD, 20));

add(lblfname);

JLabel labelfname = new JLabel();

labelfname.setBounds(600, 150, 150, 30);

labelfname.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelfname);

JLabel lblrollno = new JLabel("Roll Number");

lblrollno.setBounds(50, 200, 200, 30);

lblrollno.setFont(new Font("serif", Font.BOLD, 20));

add(lblrollno);

labelrollno = new JLabel();

labelrollno.setBounds(200, 200, 200, 30);

labelrollno.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelrollno);

JLabel lbldob = new JLabel("Date of Birth");

lbldob.setBounds(400, 200, 200, 30);

lbldob.setFont(new Font("serif", Font.BOLD, 20));

add(lbldob);

JLabel labeldob = new JLabel();

labeldob.setBounds(600, 200, 150, 30);

labeldob.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labeldob);

JLabel lbladdress = new JLabel("Address");

lbladdress.setBounds(50, 250, 200, 30);

lbladdress.setFont(new Font("serif", Font.BOLD, 20));

add(lbladdress);

tfaddress = new JTextField();

tfaddress.setBounds(200, 250, 150, 30);

add(tfaddress);

JLabel lblphone = new JLabel("Phone");

lblphone.setBounds(400, 250, 200, 30);

lblphone.setFont(new Font("serif", Font.BOLD, 20));

add(lblphone);

tfphone = new JTextField();

tfphone.setBounds(600, 250, 150, 30);

add(tfphone);

JLabel lblemail = new JLabel("Email Id");

lblemail.setBounds(50, 300, 200, 30);

lblemail.setFont(new Font("serif", Font.BOLD, 20));

add(lblemail);

tfemail = new JTextField();

tfemail.setBounds(200, 300, 150, 30);

add(tfemail);

JLabel lblx = new JLabel("Class X (%)");

lblx.setBounds(400, 300, 200, 30);

lblx.setFont(new Font("serif", Font.BOLD, 20));

add(lblx);

JLabel labelx = new JLabel();

labelx.setBounds(600, 300, 150, 30);

labelx.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelx);

JLabel lblxii = new JLabel("Class XII (%)");

lblxii.setBounds(50, 350, 200, 30);

lblxii.setFont(new Font("serif", Font.BOLD, 20));

add(lblxii);

JLabel labelxii = new JLabel();

labelxii.setBounds(200, 350, 150, 30);

labelxii.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelxii);

JLabel lblaadhar = new JLabel("Aadhar Number");

lblaadhar.setBounds(400, 350, 200, 30);

lblaadhar.setFont(new Font("serif", Font.BOLD, 20));

add(lblaadhar);

JLabel labelaadhar = new JLabel();

labelaadhar.setBounds(600, 350, 150, 30);

labelaadhar.setFont(new Font("Tahoma", Font.PLAIN, 18));

add(labelaadhar);

JLabel lblcourse = new JLabel("Course");

lblcourse.setBounds(50, 400, 200, 30);

lblcourse.setFont(new Font("serif", Font.BOLD, 20));

add(lblcourse);

tfcourse = new JTextField();

tfcourse.setBounds(200, 400, 150, 30);

add(tfcourse);

JLabel lblbranch = new JLabel("Branch");

lblbranch.setBounds(400, 400, 200, 30);

lblbranch.setFont(new Font("serif", Font.BOLD, 20));

add(lblbranch);

tfbranch = new JTextField();

tfbranch.setBounds(600, 400, 150, 30);

add(tfbranch);

try {

Conn c = new Conn();

String query = "select \* from student where rollno='"+crollno.getSelectedItem()+"'";

ResultSet rs = c.s.executeQuery(query);

while(rs.next()) {

labelname.setText(rs.getString("name"));

labelfname.setText(rs.getString("fname"));

labeldob.setText(rs.getString("dob"));

tfaddress.setText(rs.getString("address"));

tfphone.setText(rs.getString("phone"));

tfemail.setText(rs.getString("email"));

labelx.setText(rs.getString("class\_x"));

labelxii.setText(rs.getString("class\_xii"));

labelaadhar.setText(rs.getString("aadhar"));

labelrollno.setText(rs.getString("rollno"));

tfcourse.setText(rs.getString("course"));

tfbranch.setText(rs.getString("branch"));

}

} catch (Exception e) {

e.printStackTrace();

}

crollno.addItemListener(new ItemListener() {

public void itemStateChanged(ItemEvent ie) {

try {

Conn c = new Conn();

String query = "select \* from student where rollno='"+crollno.getSelectedItem()+"'";

ResultSet rs = c.s.executeQuery(query);

while(rs.next()) {

labelname.setText(rs.getString("name"));

labelfname.setText(rs.getString("fname"));

labeldob.setText(rs.getString("dob"));

tfaddress.setText(rs.getString("address"));

tfphone.setText(rs.getString("phone"));

tfemail.setText(rs.getString("email"));

labelx.setText(rs.getString("class\_x"));

labelxii.setText(rs.getString("class\_xii"));

labelaadhar.setText(rs.getString("aadhar"));

labelrollno.setText(rs.getString("rollno"));

tfcourse.setText(rs.getString("course"));

tfbranch.setText(rs.getString("branch"));

}

} catch (Exception e) {

e.printStackTrace();

}

}

});

submit = new JButton("Update");

submit.setBounds(250, 500, 120, 30);

submit.setBackground(Color.BLACK);

submit.setForeground(Color.WHITE);

submit.addActionListener(this);

submit.setFont(new Font("Tahoma", Font.BOLD, 15));

add(submit);

cancel = new JButton("Cancel");

cancel.setBounds(450, 500, 120, 30);

cancel.setBackground(Color.BLACK);

cancel.setForeground(Color.WHITE);

cancel.addActionListener(this);

cancel.setFont(new Font("Tahoma", Font.BOLD, 15));

add(cancel);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == submit) {

String rollno = labelrollno.getText();

String address = tfaddress.getText();

String phone = tfphone.getText();

String email = tfemail.getText();

String course = tfcourse.getText();

String branch = tfbranch.getText();

try {

String query = "update student set address='"+address+"', phone='"+phone+"', email='"+email+"', course='"+course+"', branch='"+branch+"' where rollno='"+rollno+"'";

Conn con = new Conn();

con.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "Student Details Updated Successfully");

setVisible(false);

} catch (Exception e) {

e.printStackTrace();

}

} else {

setVisible(false);

}

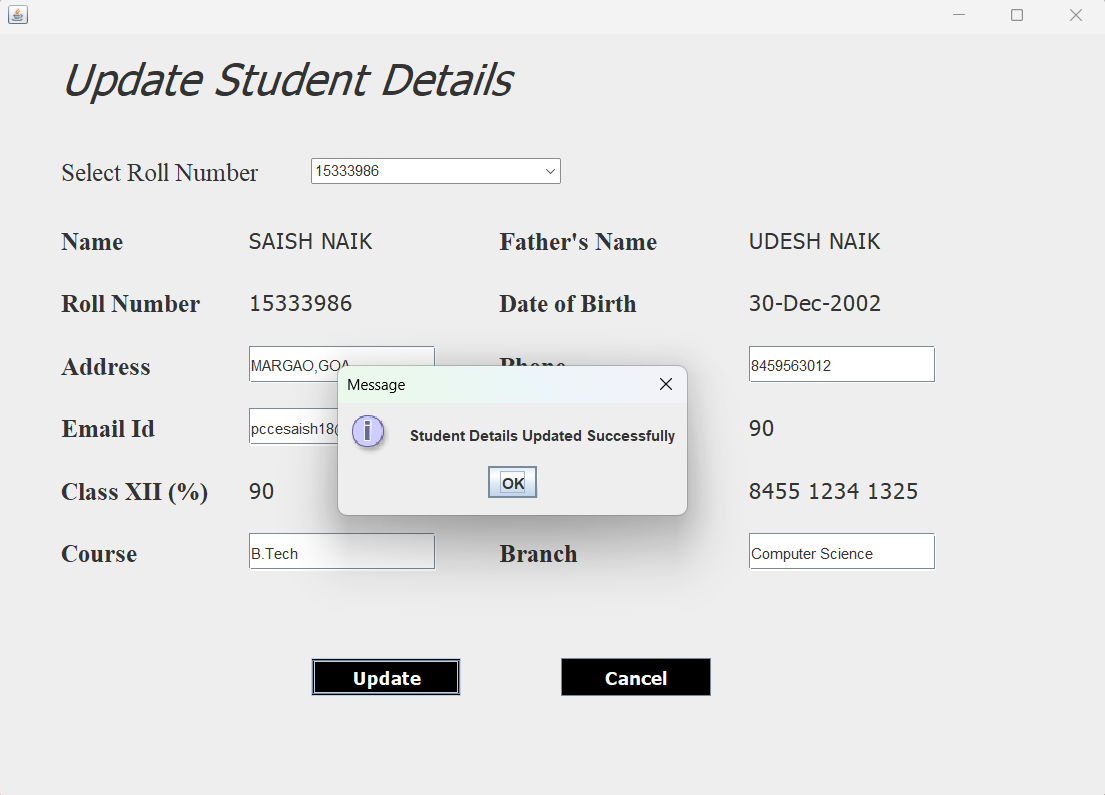
}

public static void main(String[] args) {

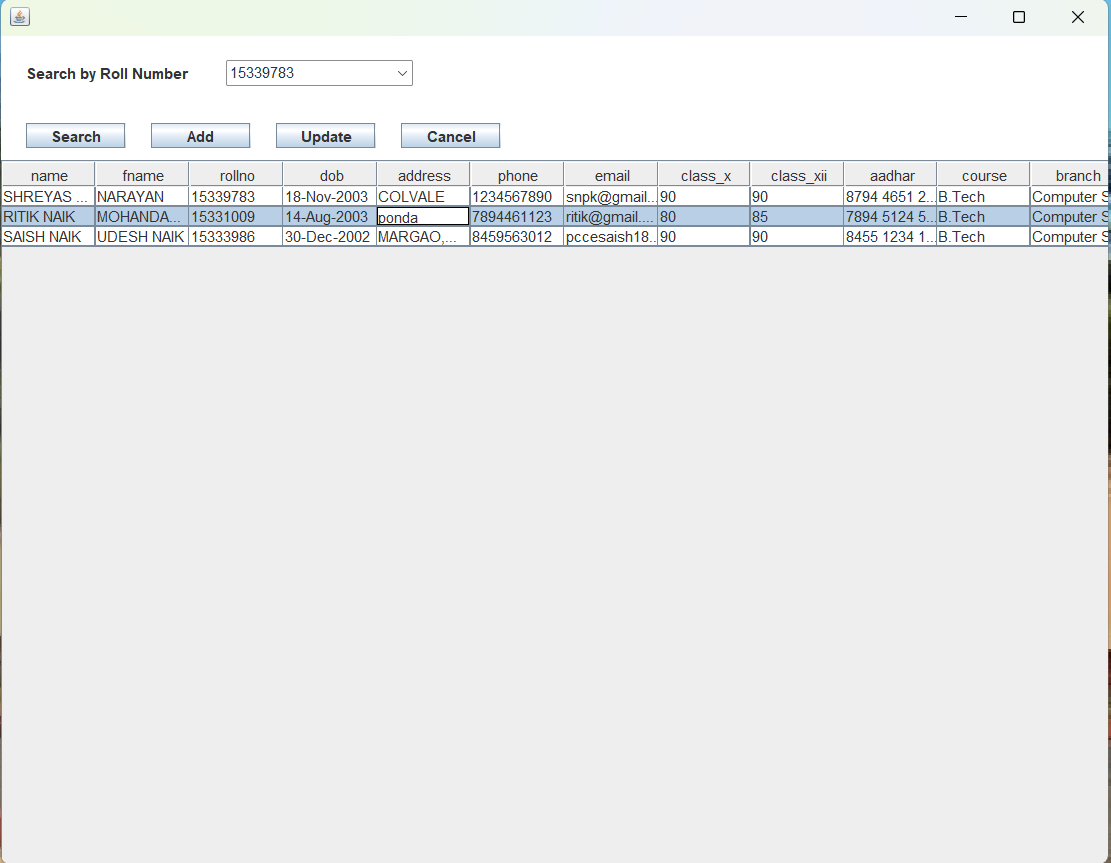
new UpdateStudent();

}

}



UPDATED DETAILS:



DELETE STUDENT DETAILS:  
package universitymanagementsystem;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.sql.\*;

public class deleteRecords extends JFrame implements ActionListener {

JComboBox<String> rollNumberDropdown;

JButton delete;

public deleteRecords() {

setSize(900, 700);

setLocation(350, 50);

setLayout(null);

JLabel heading = new JLabel("Delete Student Details");

heading.setBounds(310, 30, 500, 50);

heading.setFont(new Font("serif", Font.BOLD, 30));

add(heading);

JLabel lblrollno = new JLabel("Select Roll Number");

lblrollno.setBounds(50, 200, 200, 30);

lblrollno.setFont(new Font("serif", Font.BOLD, 20));

add(lblrollno);

// Load existing roll numbers into the dropdown

rollNumberDropdown = new JComboBox<>();

rollNumberDropdown.setBounds(250, 200, 150, 30);

addRollNumbersToDropdown(); // Method to load existing roll numbers

add(rollNumberDropdown);

// Add a Delete button

delete = new JButton("Delete");

delete.setBounds(650, 550, 120, 30);

delete.setBackground(Color.BLACK);

delete.setForeground(Color.WHITE);

delete.addActionListener(this);

delete.setFont(new Font("Tahoma", Font.BOLD, 15));

add(delete);

setVisible(true);

}

private void addRollNumbersToDropdown() {

try {

Conn c = new Conn();

ResultSet rs = c.s.executeQuery("SELECT rollno FROM student");

while (rs.next()) {

rollNumberDropdown.addItem(rs.getString("rollno"));

}

} catch (Exception e) {

e.printStackTrace();

}

}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == delete) {

// Handle delete button action

String rollNumberToDelete = (String) rollNumberDropdown.getSelectedItem();

try {

String deleteQuery = "DELETE FROM student WHERE rollno = '" + rollNumberToDelete + "'";

Conn con = new Conn();

con.s.executeUpdate(deleteQuery);

JOptionPane.showMessageDialog(null, "Student Record Deleted Successfully");

setVisible(false);

} catch (Exception e) {

e.printStackTrace();

}

} else {

setVisible(false);

}

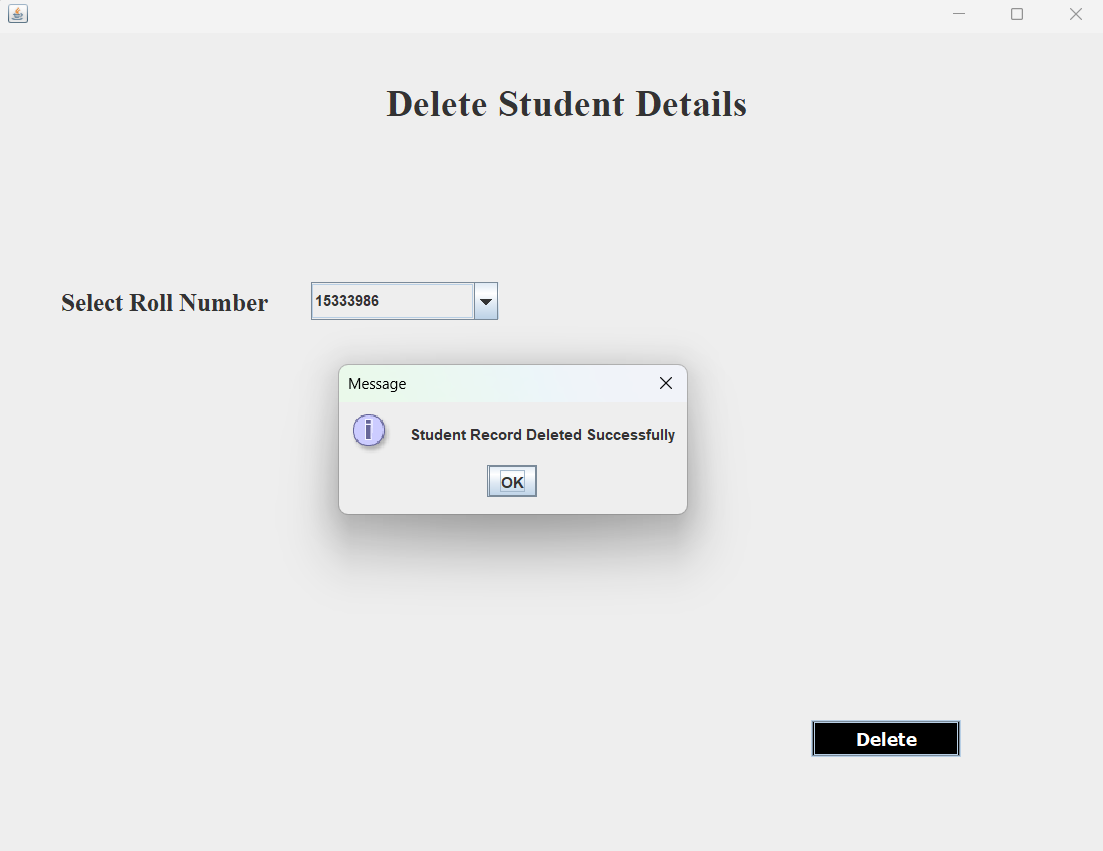
}

public static void main(String[] args) {

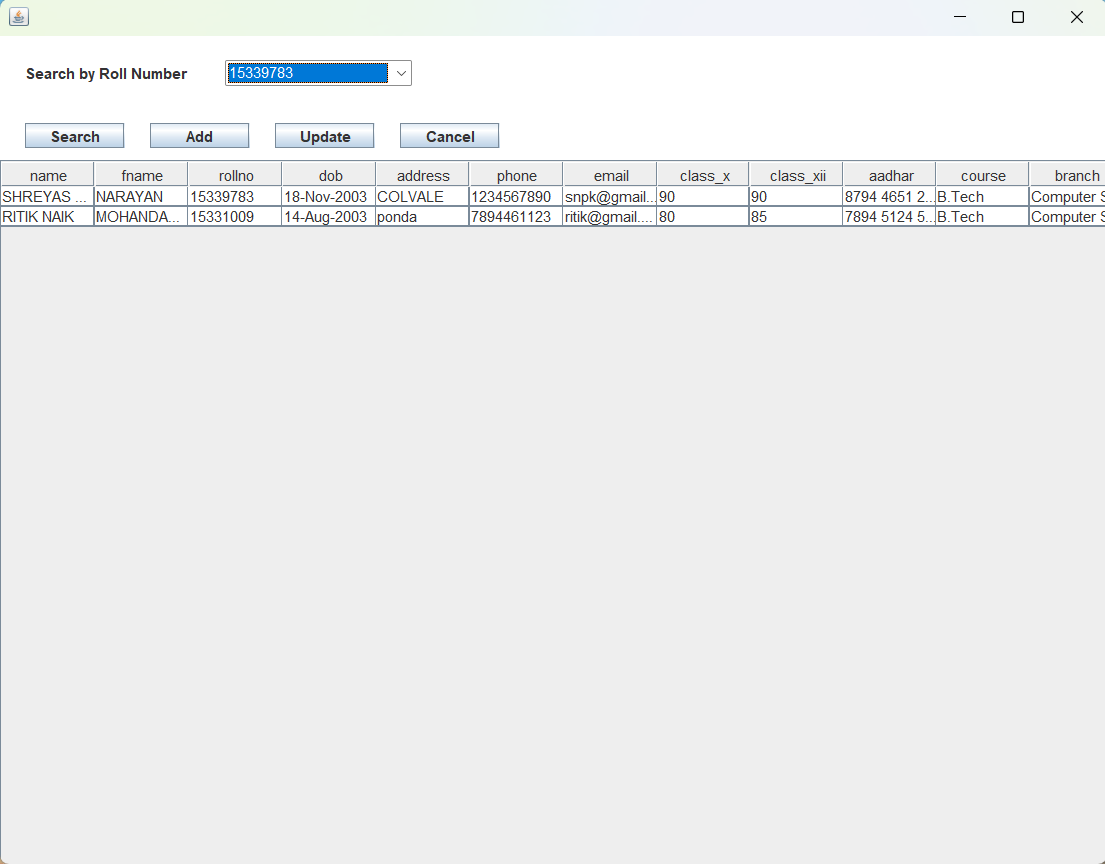
new deleteRecords();

}

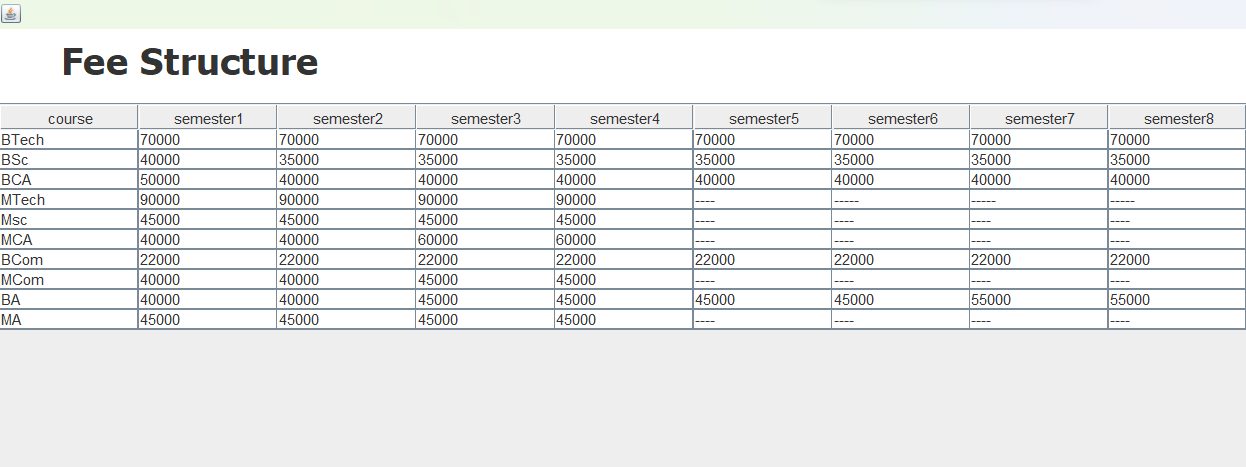
}



VIEW DETAILS AFTER DELETING SPECIFIC RECORD:



FEE-STRUCTURE:



CONNECTION CLASS:

package universitymanagementsystem;

import java.sql.\*;

public class Conn {

Connection c;

Statement s;

Conn () {

try {

Class.forName("com.mysql.cj.jdbc.Driver");

c = DriverManager.getConnection("jdbc:mysql:///universitymanagementsystem", "root", "");

s = c.createStatement();

} catch (Exception e) {

e.printStackTrace();

}

}

}

BACK-END(MYSQL)

