**PROGRAM CODE**

**Main.java**

package main;

public class Main{

public static void main(String args[]){

FeeReport fReport = new FeeReport();

}

}

**Accountant.java**

package main;

import java.sql.\*;

public class Accountant{

private String url = "jdbc:oracle:thin:@localhost:1521:XE";

private String rUserName = "system";

private String rUserPass = "sai";

private String password;

String[][] data = new String[10][5];

Accountant(){}

String getPassword(String username){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String Query = "SELECT Password FROM Accountant WHERE Name = '" + username + "'C";

ResultSet resSet = stmt.executeQuery(Query);

while(resSet.next()){

password = resSet.getString(1);

}

}

catch(Exception e){

e.printStackTrace();

}

return password;

}

Accountant(String username, String pass, String email, String contact){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String insertQuery = "INSERT INTO Accountant VALUES(Accountant\_id.NEXTVAL, '" + username + "', '" + pass + "', '" + email + "', '" + contact + "')";

// System.out.println(insertQuery);

stmt.executeUpdate(insertQuery);

}

catch(Exception e)

{

e.printStackTrace();

}

}

String[][] viewAccountant(){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String selectQuery = "SELECT \* FROM Accountant";

ResultSet resSet = stmt.executeQuery(selectQuery);

int i = 0;

while(resSet.next())

{

// System.out.println(resSet.getInt(1) + " " + resSet.getString(2) + " " + resSet.getString(3) + " " + resSet.getString(4) + " " + resSet.getString(5));

int id = resSet.getInt(1);

String accId = Integer.toString(id);

String name = resSet.getString(2);

String pass = resSet.getString(3);

String email = resSet.getString(4);

String contact = resSet.getString(5);

data[i][0] = accId;

data[i][1] = name;

data[i][2] = pass;

data[i][3] = email;

data[i][4] = contact;

i++;

}

// for(int j = 0; j < i; j++){

// for(int k = 0; k < 5; k++){

// System.out.print(data[j][k] + "\t");

// }

// System.out.println("\n");

// }

}

catch(Exception e)

{

e.printStackTrace();

}

return data;

}

public static void main(String args[])

{

Accountant acc = new Accountant();

String accData[][] = acc.viewAccountant();

}

}

**Student.java**

package main;

import java.sql.\*;

public class Student{

private String url = "jdbc:oracle:thin:@localhost:1521:XE";

private String rUserName = "system";

private String rUserPass = "sai";

String[][] data = new String[30][9];

String[] stdData = new String[11];

Student(){}

Student(String name, String email, String course, int fee, int paid, int due, String address, String city, String state, String contact){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String insertQuery = "INSERT INTO Student VALUES(Student\_id.NEXTVAL, '" + name + "', '" + email + "', '" + course + "', '" + fee + "', '" + paid + "', '" + due + "', '" + address + "', '" + city + "', '" + state + "', '" + contact + "')";

// System.out.println(insertQuery);

stmt.executeUpdate(insertQuery);

}

catch(Exception e)

{

e.printStackTrace();

}

}

String[][] viewStudent(){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String selectQuery = "SELECT \* FROM Student";

ResultSet resSet = stmt.executeQuery(selectQuery);

int i = 0;

while(resSet.next())

{

// System.out.println(resSet.getInt(1) + " " + resSet.getString(2) + " " + resSet.getString(3) + " " + resSet.getString(4) + " " + resSet.getString(5));

int id = resSet.getInt(1);

String name = resSet.getString(2);

String email = resSet.getString(3);

String course = resSet.getString(4);

int fee = resSet.getInt(5);

int paid = resSet.getInt(6);

// String paidFees = Integer.toString(paid);

int due = resSet.getInt(7);

// String dueFees = Integer.toString(due);

String address = resSet.getString(8);

String city = resSet.getString(9);

String state = resSet.getString(10);

String contact = resSet.getString(11);

String studId = Integer.toString(id);

String fees = Integer.toString(fee);

String paidFees = Integer.toString(paid);

String dueFees = Integer.toString(due);

String Address = address + " " + city + " " + state;

// System.out.println(Address);

data[i][0] = studId;

data[i][1] = name;

data[i][2] = email;

data[i][3] = course;

data[i][4] = fees;

data[i][5] = paidFees;

data[i][6] = dueFees;

data[i][7] = Address;

data[i][8] = contact;

i++;

}

// for(int j = 0; j < i; j++){

// for(int k = 0; k < 9; k++){

// System.out.print(data[j][k] + "\t");

// }

// System.out.println("\n");

// }

}

catch(Exception e)

{

e.printStackTrace();

}

return data;

}

String[] loadStudent(String roll){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String selectQuery = "SELECT \* FROM Student WHERE RollNo = " + roll;

ResultSet resSet = stmt.executeQuery(selectQuery);

while(resSet.next())

{

// System.out.println(resSet.getInt(1) + " " + resSet.getString(2) + " " + resSet.getString(3) + " " + resSet.getString(4) + " " + resSet.getString(5));

int id = resSet.getInt(1);

String name = resSet.getString(2);

String email = resSet.getString(3);

String course = resSet.getString(4);

int fee = resSet.getInt(5);

int paid = resSet.getInt(6);

int due = resSet.getInt(7);

String address = resSet.getString(8);

String city = resSet.getString(9);

String state = resSet.getString(10);

String contact = resSet.getString(11);

String studId = Integer.toString(id);

String fees = Integer.toString(fee);

String paidFees = Integer.toString(paid);

String dueFees = Integer.toString(due);

stdData[0] = studId;

stdData[1] = name;

stdData[2] = email;

stdData[3] = course;

stdData[4] = fees;

stdData[5] = paidFees;

stdData[6] = dueFees;

stdData[7] = address;

stdData[8] = city;

stdData[9] = state;

stdData[10] = contact;

}

// for(int k = 0; k < 11; k++){

// System.out.print(stdData[k] + "\t");

// }

}

catch(Exception e)

{

e.printStackTrace();

}

return stdData;

}

void updateStudent(String roll, String name, String email, String course, int fee, int paid, int due, String address, String city, String state, String contact){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String updateQuery = "UPDATE Student SET Name = '" + name + "', Email = '" + email + "', Course = '" + course + "', Fee = " + fee + ", Paid = " + paid + ", Due = " + due + ", Address = '" + address + "', City = '" + city + "', State = '" + state + "', Contact = '" + contact + "' WHERE RollNo = " + roll;

stmt.executeUpdate(updateQuery);

// System.out.println("ROW UPDATED....");

}

catch(Exception e)

{

e.printStackTrace();

}

// return stdData;

}

String[][] dueStudent(){

try{

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

Connection con = DriverManager.getConnection(url, rUserName, rUserPass);

Statement stmt = con.createStatement();

String selectQuery = "SELECT \* from Student WHERE Due != 0";

ResultSet resSet = stmt.executeQuery(selectQuery);

int i = 0;

while(resSet.next())

{

// System.out.println(resSet.getInt(1) + " " + resSet.getString(2) + " " + resSet.getString(3) + " " + resSet.getString(4) + " " + resSet.getString(5));

int id = resSet.getInt(1);

String name = resSet.getString(2);

String email = resSet.getString(3);

String course = resSet.getString(4);

int fee = resSet.getInt(5);

int paid = resSet.getInt(6);

// String paidFees = Integer.toString(paid);

int due = resSet.getInt(7);

// String dueFees = Integer.toString(due);

String address = resSet.getString(8);

String city = resSet.getString(9);

String state = resSet.getString(10);

String contact = resSet.getString(11);

String studId = Integer.toString(id);

String fees = Integer.toString(fee);

String paidFees = Integer.toString(paid);

String dueFees = Integer.toString(due);

String Address = address + " " + city + " " + state;

// System.out.println(Address);

data[i][0] = studId;

data[i][1] = name;

data[i][2] = email;

data[i][3] = course;

data[i][4] = fees;

data[i][5] = paidFees;

data[i][6] = dueFees;

data[i][7] = Address;

data[i][8] = contact;

i++;

}

// for(int j = 0; j < i; j++){

// for(int k = 0; k < 9; k++){

// System.out.print(data[j][k] + "\t");

// }

// System.out.println("\n");

// }

}

catch(Exception e)

{

e.printStackTrace();

}

return data;

}

public static void main(String args[])

{

// Student std = new Student("sai", "sai@gmail.com", "CS", 1000, 500, 500, "hadapsar", "pune", "maha", "1234567890");

Student stud = new Student();

// String accData[][] = acc.viewStudent();

// String student[] = stud.loadStudent("1");

stud.updateStudent("2", "gauri", "gauri", "gauri", 0, 0, 0, "gauri", "gauri", "gauri", "gauri");

}

}

**FeeReport.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class FeeReport {

JFrame frame = new JFrame("Login Page");

JLabel label1 = new JLabel("Select User");

JButton button1 = new JButton("Admin");

JButton button2 = new JButton("Accountant");

FeeReport(){

frame.setLayout(null);

frame.setSize(700, 700);

frame.setVisible(true);

// label1.setText("Select User");

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

button1.setFont(new Font("Poor Richard", Font.BOLD, 20));

button1.setBounds(200, 200, 300, 50);

button2.setFont(new Font("Poor Richard", Font.BOLD, 20));

button2.setBounds(200, 300, 300, 50);

button1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

AdminLogin adminLog = new AdminLogin();

}

});

button2.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

AccountantLogin accLog = new AccountantLogin();

}

});

frame.add(label1);

frame.add(button1);

frame.add(button2);

}

public static void main(String args[])

{

new FeeReport();

}

}

**AdminLogin.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class AdminLogin {

private String uName = "admin";

private String uPass = "admin@1";

String userName, userPass;

JFrame frame = new JFrame("Admin Login");

JLabel label1 = new JLabel("Admin Login");

JLabel name = new JLabel("Name");

JLabel password = new JLabel("Password");

JButton logButton = new JButton("Login");

JButton backButton = new JButton("Back");

JTextField nameField = new JTextField();

JTextField passField = new JTextField();

AdminLogin(){

frame.setLayout(null);

frame.setSize(700, 700);

frame.setVisible(true);

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

name.setFont(new Font("Poor Richard", Font.BOLD, 20));

name.setBounds(150, 200, 90, 40);

nameField.setBounds(300, 200, 300, 30);

password.setFont(new Font("Poor Richard", Font.BOLD, 20));

password.setBounds(150, 250, 90, 40);

passField.setBounds(300, 260, 300, 30);

backButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

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

logButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

logButton.setBounds(400, 400, 150, 30);

backButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

FeeReport feeReport = new FeeReport();

feeReport.frame.setVisible(true);

frame.setVisible(false);

}

});

logButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

userName = nameField.getText();

userPass = passField.getText();

if(!(userName.isEmpty()) && !(userPass.isEmpty())){

if(userName.equals(uName) && userPass.equals(uPass)){

String alertMsg = "LOGIN SUCCESSFULL";

// JDialog jDialog = new JDialog(frame, alertMsg);

JOptionPane.showMessageDialog(frame, alertMsg);

AdminSection adminSec = new AdminSection();

}

else{

String alertMsg = "INVALID CREDENTIALS";

JOptionPane.showMessageDialog(frame, alertMsg);

}

}

else{

String alertMsg = "ALL FIELDS ARE COMPULSORY";

JOptionPane.showMessageDialog(frame, alertMsg);

}

frame.setVisisble(false);

}

});

frame.add(label1);

frame.add(logButton);

frame.add(backButton);

frame.add(name);

frame.add(nameField);

frame.add(password);

frame.add(passField);

}

public static void main(String args[])

{

new AdminLogin();

}

}

**AccountantLogin.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class AccountantLogin {

JFrame frame = new JFrame("Accountant Login");

JLabel label1 = new JLabel("Accountant Login");

JLabel name = new JLabel("Name");

JLabel password = new JLabel("Password");

JButton logButton = new JButton("Login");

JButton backButton = new JButton("Back");

JTextField nameField = new JTextField();

JTextField passField = new JTextField();

String userName, userPass;

AccountantLogin(){

frame.setLayout(null);

frame.setSize(700, 700);

frame.setVisible(true);

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

name.setFont(new Font("Poor Richard", Font.BOLD, 20));

name.setBounds(150, 200, 90, 40);

nameField.setBounds(300, 200, 300, 30);

password.setFont(new Font("Poor Richard", Font.BOLD, 20));

password.setBounds(150, 250, 90, 40);

passField.setBounds(300, 260, 300, 30);

backButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

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

logButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

logButton.setBounds(400, 400, 150, 30);

backButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

FeeReport feeReport = new FeeReport();

feeReport.frame.setVisible(true);

frame.setVisible(false);

}

});

logButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

userName = nameField.getText();

Accountant acc = new Accountant();

String uPass = acc.getPassword(userName);

userPass = passField.getText();

if(!(userName.isEmpty()) && !(userPass.isEmpty())){

if(userPass.equals(uPass)){

String alertMsg = "LOGIN SUCCESSFULL";

JOptionPane.showMessageDialog(frame, alertMsg);

AccountantSection accSec = new AccountantSection();

}

else{

String alertMsg = "INVALID CREDENTIALS";

JOptionPane.showMessageDialog(frame, alertMsg);

}

}

else{

String alertMsg = "ALL FIELDS ARE COMPULSORY";

JOptionPane.showMessageDialog(frame, alertMsg);

}

frame.setVisible(false);

}

});

frame.add(label1);

frame.add(logButton);

frame.add(backButton);

frame.add(name);

frame.add(nameField);

frame.add(password);

frame.add(passField);

}

public static void main(String args[])

{

new AccountantLogin();

}

}

**AdminSection.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AddAccountant;

import main.FeeReport;

public class AdminSection {

JFrame frame = new JFrame("Admin Section");

JLabel label1 = new JLabel("Admin Section");

JButton button1 = new JButton("Add Accountant");

JButton button2 = new JButton("View Accountant");

JButton button3 = new JButton("Logout");

AdminSection(){

frame.setLayout(null);

frame.setSize(700, 700);

frame.setVisible(true);

// label1.setText("Select User");

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

button1.setFont(new Font("Poor Richard", Font.BOLD, 20));

button1.setBounds(200, 200, 300, 50);

button2.setFont(new Font("Poor Richard", Font.BOLD, 20));

button2.setBounds(200, 300, 300, 50);

button3.setFont(new Font("Poor Richard", Font.BOLD, 20));

button3.setBounds(200, 400, 300, 50);

button1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

AddAccountant addAccountant = new AddAccountant();

}

});

button2.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

ViewAccountant viewAccountant = new ViewAccountant();

}

});

button3.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

FeeReport feeReport = new FeeReport();

}

});

frame.add(label1);

frame.add(button1);

frame.add(button2);

frame.add(button3);

}

public static void main(String args[])

{

new AdminSection();

}

}

**AccountantSection.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AddStudent;

import main.DueFee;

import main.FeeReport;

import main.ViewStudent;

public class AccountantSection {

JFrame frame = new JFrame("Accountant Section");

JLabel label1 = new JLabel("Accountant Section");

JButton button1 = new JButton("Add Student");

JButton button2 = new JButton("View Student");

JButton button3 = new JButton("Edit Student");

JButton button4 = new JButton("Due Fee");

JButton button5 = new JButton("Logout");

AccountantSection(){

frame.setLayout(null);

frame.setSize(700, 700);

frame.setVisible(true);

// label1.setText("Select User");

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(200, 50, 400, 100);

button1.setFont(new Font("Poor Richard", Font.BOLD, 20));

button1.setBounds(200, 200, 300, 50);

button2.setFont(new Font("Poor Richard", Font.BOLD, 20));

button2.setBounds(200, 280, 300, 50);

button3.setFont(new Font("Poor Richard", Font.BOLD, 20));

button3.setBounds(200, 360, 300, 50);

button4.setFont(new Font("Poor Richard", Font.BOLD, 20));

button4.setBounds(200, 440, 300, 50);

button5.setFont(new Font("Poor Richard", Font.BOLD, 20));

button5.setBounds(200, 520, 300, 50);

button1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

AddStudent addStud = new AddStudent();

}

});

button2.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

ViewStudent viewStud = new ViewStudent();

}

});

button3.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

EditStudent edtStud = new EditStudent();

}

});

button4.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

DueFee dueFee = new DueFee();

}

});

button5.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

frame.setVisible(false);

FeeReport feeReport = new FeeReport();

feeReport.frame.setVisible(true);

}

});

frame.add(label1);

frame.add(button1);

frame.add(button2);

frame.add(button3);

frame.add(button4);

frame.add(button5);

}

public static void main(String args[])

{

new AccountantSection();

}

}

**AddAccountant.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.Accountant;

import main.AdminSection;

public class AddAccountant {

JFrame frame = new JFrame("Add Accountant");

JLabel label1 = new JLabel("Add Accountant");

JLabel name = new JLabel("Name");

JLabel password = new JLabel("Password");

JLabel email = new JLabel("E-mail");

JLabel contact = new JLabel("Contact No");

JTextField nameField = new JTextField();

JTextField passField = new JTextField();

JTextField emailField = new JTextField();

JTextField contactField = new JTextField();

JButton addButton = new JButton("Add Accountant");

JButton backButton = new JButton("Back");

String uName, uPass, uEmail, uContact;

AddAccountant(){

frame.setLayout(null);

frame.setSize(800, 800);

frame.setVisible(true);

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

name.setFont(new Font("Poor Richard", Font.BOLD, 15));

name.setBounds(150, 150, 90, 40);

nameField.setBounds(300, 160, 300, 30);

password.setFont(new Font("Poor Richard", Font.BOLD, 15));

password.setBounds(150, 200, 90, 40);

passField.setBounds(300, 210, 300, 30);

email.setFont(new Font("Poor Richard", Font.BOLD, 15));

email.setBounds(150, 250, 90, 40);

emailField.setBounds(300, 260, 300, 30);

contact.setFont(new Font("Poor Richard", Font.BOLD, 15));

contact.setBounds(150, 300, 90, 40);

contactField.setBounds(300, 310, 300, 30);

backButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

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

addButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

addButton.setBounds(400, 400, 150, 30);

backButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

AdminSection admSec = new AdminSection();

admSec.frame.setVisible(true);

frame.setVisible(false);

}

});

addButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

uName = nameField.getText();

uPass = passField.getText();

uEmail = emailField.getText();

uContact = contactField.getText();

Accountant acc = new Accountant(uName, uPass, uEmail, uContact);

String alertMsg = "Accountant Added Successfully";

JOptionPane.showMessageDialog(frame, alertMsg);

frame.setVisible(false);

AdminSection admSec = new AdminSection();

admSec.frame.setVisible(true);

}

});

frame.add(label1);

frame.add(addButton);

frame.add(backButton);

frame.add(name);

frame.add(nameField);

frame.add(password);

frame.add(passField);

frame.add(email);

frame.add(emailField);

frame.add(contact);

frame.add(contactField);

}

public static void main(String args[])

{

new AddAccountant();

}

}

**ViewAccountant.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AdminLogin;

import main.AdminSection;

import java.sql.\*;

public class ViewAccountant {

JFrame frame = new JFrame("Accountants");

JLabel label1 = new JLabel("Accountants");

JButton backButton = new JButton("Back");

JTable accountants;

JScrollPane scrollPane;

private String url = "jdbc:oracle:thin:@localhost:1521:XE";

private String rUserName = "system";

private String rUserPass = "sai";

String[] headings = {"ID", "NAME", "PASSWORD", "EMAIL", "CONTACT NO"};

ViewAccountant(){

backButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

backButton.setBounds(250, 500, 150, 30);

Accountant acc = new Accountant();

String data[][] = acc.viewAccountant();

accountants = new JTable(data, headings);

scrollPane = new JScrollPane(accountants);

frame.add(label1);

frame.add(backButton);

frame.add(scrollPane);

backButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent A){

AdminSection admSec = new AdminSection();

admSec.frame.setVisible(true);

frame.setVisible(false);

}

});

frame.setSize(700, 700);

frame.setVisible(true);

}

public static void main(String args[])

{

new ViewAccountant();

}

}

**AddStudent.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AccountantSection;

import main.Student;

public class AddStudent {

JFrame frame = new JFrame("Add Student");

JLabel label1 = new JLabel("Add Student");

JLabel name = new JLabel("Name");

JLabel email = new JLabel("E-mail");

JLabel course = new JLabel("Course");

JLabel fee = new JLabel("Fee");

JLabel paid = new JLabel("Paid");

JLabel address = new JLabel("Address");

JLabel city = new JLabel("City");

JLabel state = new JLabel("State");

JLabel contact = new JLabel("Contact No");

JTextField nameField = new JTextField();

JTextField emailField = new JTextField();

JTextField courseField = new JTextField();

JTextField feeField = new JTextField();

JTextField paidField = new JTextField();

JTextField dueField = new JTextField();

JTextField addressField = new JTextField();

JTextField cityField = new JTextField();

JTextField stateField = new JTextField();

JTextField contactField = new JTextField();

JButton addButton = new JButton("Add Student");

JButton backButton = new JButton("Back");

String uName, uEmail, uCourse, uFee, uPaid, uDue, uAddress, uCity, uState, uContact;

AddStudent(){

frame.setLayout(null);

frame.setSize(800, 800);

frame.setVisible(true);

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 50, 400, 100);

name.setFont(new Font("Poor Richard", Font.BOLD, 15));

name.setBounds(150, 150, 90, 40);

nameField.setBounds(300, 160, 300, 30);

email.setFont(new Font("Poor Richard", Font.BOLD, 15));

email.setBounds(150, 200, 90, 40);

emailField.setBounds(300, 210, 300, 30);

course.setFont(new Font("Poor Richard", Font.BOLD, 15));

course.setBounds(150, 250, 90, 40);

courseField.setBounds(300, 260, 300, 30);

fee.setFont(new Font("Poor Richard", Font.BOLD, 15));

fee.setBounds(150, 300, 90, 40);

feeField.setBounds(300, 310, 300, 30);

paid.setFont(new Font("Poor Richard", Font.BOLD, 15));

paid.setBounds(150, 350, 90, 40);

paidField.setBounds(300, 360, 300, 30);

address.setFont(new Font("Poor Richard", Font.BOLD, 15));

address.setBounds(150, 400, 90, 40);

addressField.setBounds(300, 410, 300, 30);

city.setFont(new Font("Poor Richard", Font.BOLD, 15));

city.setBounds(150, 450, 90, 40);

cityField.setBounds(300, 460, 300, 30);

state.setFont(new Font("Poor Richard", Font.BOLD, 15));

state.setBounds(150, 500, 90, 40);

stateField.setBounds(300, 510, 300, 30);

contact.setFont(new Font("Poor Richard", Font.BOLD, 15));

contact.setBounds(150, 550, 90, 40);

contactField.setBounds(300, 560, 300, 30);

backButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

backButton.setBounds(200, 720, 150, 30);

addButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

addButton.setBounds(400, 720, 150, 30);

backButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

frame.setVisible(false);

}

});

addButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

uName = nameField.getText();

uEmail = emailField.getText();

uCourse = courseField.getText();

uFee = feeField.getText();

uPaid = paidField.getText();

// uDue = dueField.getText();

uAddress = addressField.getText();

uCity = cityField.getText();

uState = stateField.getText();

uContact = contactField.getText();

int fee, paidFee, dueFee;

fee = Integer.parseInt(uFee);

paidFee = Integer.parseInt(uPaid);

// dueFee = Integer.parseInt(uDue);

if(paidFee > fee)

{

String alertMsg = "INVALID VALUE";

JOptionPane.showMessageDialog(frame, alertMsg);

}

dueFee = fee - paidFee;

Student student = new Student(uName, uEmail, uCourse, fee, paidFee, dueFee, uAddress, uCity, uState, uContact);

String alertMsg = "STUDENT ADDED SUCCESSFULLY";

JOptionPane.showMessageDialog(frame, alertMsg);

frame.setVisible(false);

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

}

});

frame.add(label1);

frame.add(addButton);

frame.add(backButton);

frame.add(name);

frame.add(nameField);

frame.add(email);

frame.add(emailField);

frame.add(course);

frame.add(courseField);

frame.add(fee);

frame.add(feeField);

frame.add(paid);

frame.add(paidField);

frame.add(address);

frame.add(addressField);

frame.add(city);

frame.add(cityField);

frame.add(state);

frame.add(stateField);

frame.add(contact);

frame.add(contactField);

}

public static void main(String args[])

{

new AddStudent();

}

}

**ViewStudent.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AdminLogin;

import main.AdminSection;

import java.sql.\*;

public class ViewStudent {

JFrame frame = new JFrame("Students");

JLabel label1 = new JLabel("Students");

JButton backButton = new JButton("Back");

JTable students;

JScrollPane scrollPane;

private String url = "jdbc:oracle:thin:@localhost:1521:XE";

private String rUserName = "system";

private String rUserPass = "sai";

String[] headings = {"ROLL NO", "NAME", "EMAIL", "COURSE", "APPLICABLE FEES", "PAID FEES", "DUE FEES", "ADDRESS", "CONTACT"};

ViewStudent(){

backButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

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

Student stud = new Student();

String data[][] = stud.viewStudent();

students = new JTable(data, headings);

scrollPane = new JScrollPane(students);

frame.add(backButton);

frame.add(scrollPane);

backButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent A){

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

frame.setVisible(false);

}

});

frame.setSize(900, 800);

frame.setVisible(true);

}

public static void main(String args[])

{

new ViewStudent();

}

}

**EditStudent.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AccountantSection;

import main.Student;

public class EditStudent {

JFrame frame = new JFrame("Edit Student");

JLabel label1 = new JLabel("Edit Student");

JLabel roll = new JLabel("Roll No");

JLabel name = new JLabel("Name");

JLabel email = new JLabel("E-mail");

JLabel course = new JLabel("Course");

JLabel fee = new JLabel("Fee");

JLabel paid = new JLabel("Paid");

JLabel address = new JLabel("Address");

JLabel city = new JLabel("City");

JLabel state = new JLabel("State");

JLabel contact = new JLabel("Contact No");

JTextField rollField = new JTextField();

JTextField nameField = new JTextField();

JTextField emailField = new JTextField();

JTextField courseField = new JTextField();

JTextField feeField = new JTextField();

JTextField paidField = new JTextField();

JTextField addressField = new JTextField();

JTextField cityField = new JTextField();

JTextField stateField = new JTextField();

JTextField contactField = new JTextField();

JButton updateButton = new JButton("Update Student");

JButton backButton = new JButton("Back");

JButton loadButton = new JButton("Load Record");

String rNo, uName, uEmail, uCourse, uFee, uPaid, uDue, uAddress, uCity, uState, uContact;

EditStudent(){

frame.setLayout(null);

frame.setSize(900, 900);

frame.setVisible(true);

label1.setFont(new Font("Poor Richard", Font.BOLD, 40));

label1.setBounds(250, 30, 400, 100);

roll.setFont(new Font("Poor Richard", Font.BOLD, 15));

roll.setBounds(150, 130, 90, 40);

rollField.setBounds(300, 140, 300, 30);

name.setFont(new Font("Poor Richard", Font.BOLD, 15));

name.setBounds(150, 220, 90, 40);

nameField.setBounds(300, 230, 300, 30);

email.setFont(new Font("Poor Richard", Font.BOLD, 15));

email.setBounds(150, 270, 90, 40);

emailField.setBounds(300, 280, 300, 30);

course.setFont(new Font("Poor Richard", Font.BOLD, 15));

course.setBounds(150, 320, 90, 40);

courseField.setBounds(300, 330, 300, 30);

fee.setFont(new Font("Poor Richard", Font.BOLD, 15));

fee.setBounds(150, 370, 90, 40);

feeField.setBounds(300, 380, 300, 30);

paid.setFont(new Font("Poor Richard", Font.BOLD, 15));

paid.setBounds(150, 420, 90, 40);

paidField.setBounds(300, 430, 300, 30);

address.setFont(new Font("Poor Richard", Font.BOLD, 15));

address.setBounds(150, 470, 90, 40);

addressField.setBounds(300, 480, 300, 30);

city.setFont(new Font("Poor Richard", Font.BOLD, 15));

city.setBounds(150, 520, 90, 40);

cityField.setBounds(300, 530, 300, 30);

state.setFont(new Font("Poor Richard", Font.BOLD, 15));

state.setBounds(150, 570, 90, 40);

stateField.setBounds(300, 580, 300, 30);

contact.setFont(new Font("Poor Richard", Font.BOLD, 15));

contact.setBounds(150, 620, 90, 40);

contactField.setBounds(300, 630, 300, 30);

backButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

backButton.setBounds(200, 720, 150, 30);

updateButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

updateButton.setBounds(400, 720, 150, 30);

loadButton.setFont(new Font("Poor Richard", Font.BOLD, 15));

loadButton.setBounds(300, 180, 150, 30);

loadButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent A){

rNo = rollField.getText();

Student stud = new Student();

String studData[] = stud.loadStudent(rNo);

nameField.setText(studData[1]);

emailField.setText(studData[2]);

courseField.setText(studData[3]);

feeField.setText(studData[4]);

paidField.setText(studData[5]);

addressField.setText(studData[7]);

cityField.setText(studData[8]);

stateField.setText(studData[9]);

contactField.setText(studData[10]);

}

});

backButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

frame.setVisible(false);

}

});

updateButton.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent A)

{

rNo = rollField.getText();

uName = nameField.getText();

uEmail = emailField.getText();

uCourse = courseField.getText();

uFee = feeField.getText();

uPaid = paidField.getText();

uAddress = addressField.getText();

uCity = cityField.getText();

uState = stateField.getText();

uContact = contactField.getText();

int fee, paidFee, dueFee;

fee = Integer.parseInt(uFee);

paidFee = Integer.parseInt(uPaid);

if(paidFee > fee)

{

String alertMsg = "INVALID VALUE";

JOptionPane.showMessageDialog(frame, alertMsg);

}

dueFee = fee - paidFee;

Student student = new Student();

student.updateStudent(rNo, uName, uEmail, uCourse, fee, paidFee, dueFee, uAddress, uCity, uState, uContact);

String alertMsg = "STUDENT UPDATED SUCCESSFULLY";

JOptionPane.showMessageDialog(frame, alertMsg);

frame.setVisible(false);

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

}

});

frame.add(label1);

frame.add(roll);

frame.add(rollField);

frame.add(loadButton);

frame.add(updateButton);

frame.add(backButton);

frame.add(name);

frame.add(nameField);

frame.add(email);

frame.add(emailField);

frame.add(course);

frame.add(courseField);

frame.add(fee);

frame.add(feeField);

frame.add(paid);

frame.add(paidField);

frame.add(address);

frame.add(addressField);

frame.add(city);

frame.add(cityField);

frame.add(state);

frame.add(stateField);

frame.add(contact);

frame.add(contactField);

}

public static void main(String args[])

{

new EditStudent();

}

}

**DueFee.java**

package main;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import main.AdminLogin;

import main.AdminSection;

import java.sql.\*;

public class DueFee {

JFrame frame = new JFrame("Students");

JLabel label1 = new JLabel("Students");

JButton backButton = new JButton("Back");

JTable due;

JScrollPane scrollPane;

private String url = "jdbc:oracle:thin:@localhost:1521:XE";

private String rUserName = "system";

private String rUserPass = "sai";

String[] headings = {"ROLL NO", "NAME", "EMAIL", "COURSE", "APPLICABLE FEES", "PAID FEES", "DUE FEES", "ADDRESS", "CONTACT"};

DueFee(){

backButton.setFont(new Font("Poor Richard", Font.BOLD, 20));

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

Student stud = new Student();

String data[][] = stud.dueStudent();

due = new JTable(data, headings);

scrollPane = new JScrollPane(due);

frame.add(backButton);

frame.add(scrollPane);

backButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent A){

AccountantSection accSec = new AccountantSection();

accSec.frame.setVisible(true);

frame.setVisible(false);

}

});

frame.setSize(900, 800);

frame.setVisible(true);

}

public static void main(String args[])

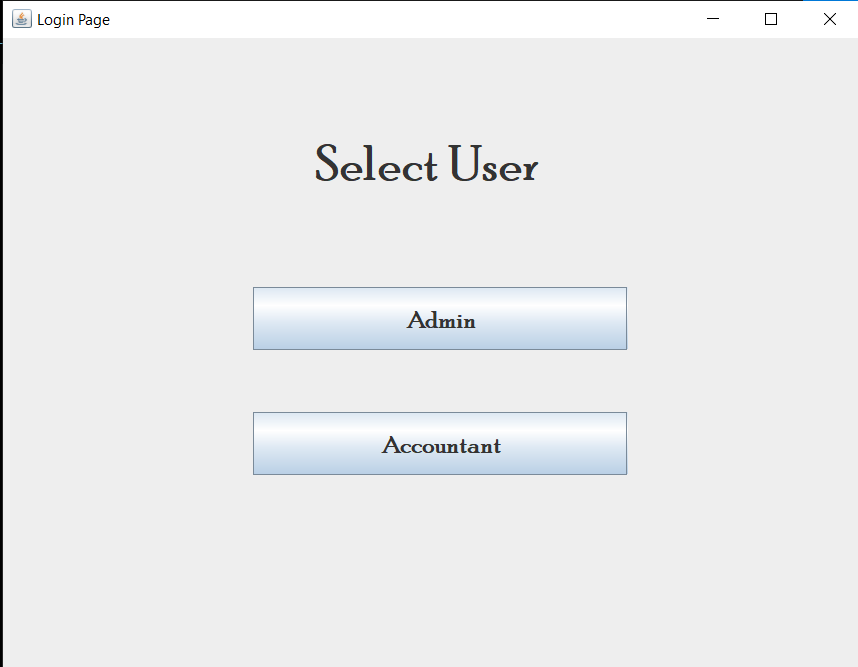
{

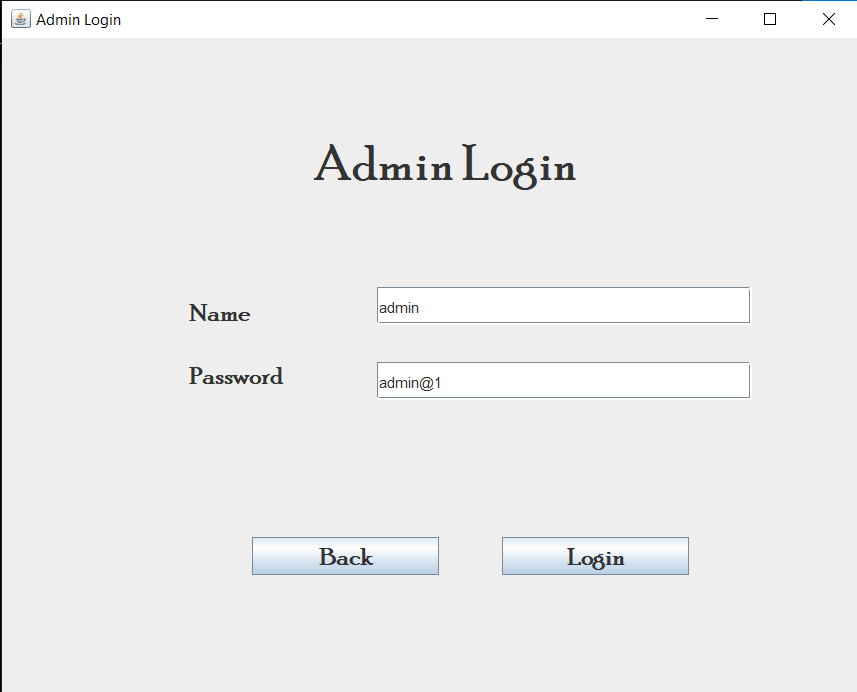
new DueFee();

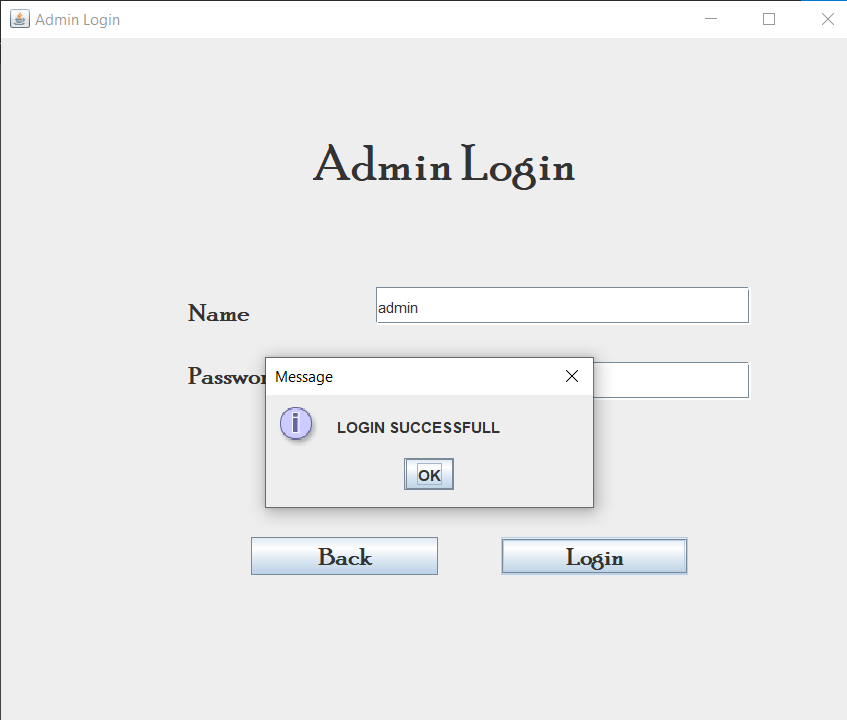
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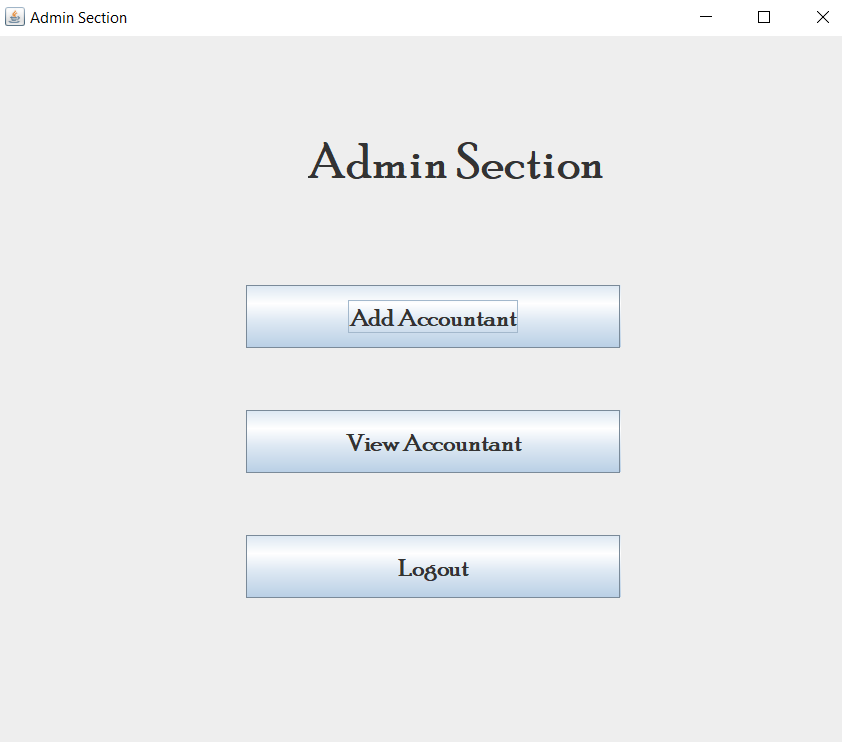
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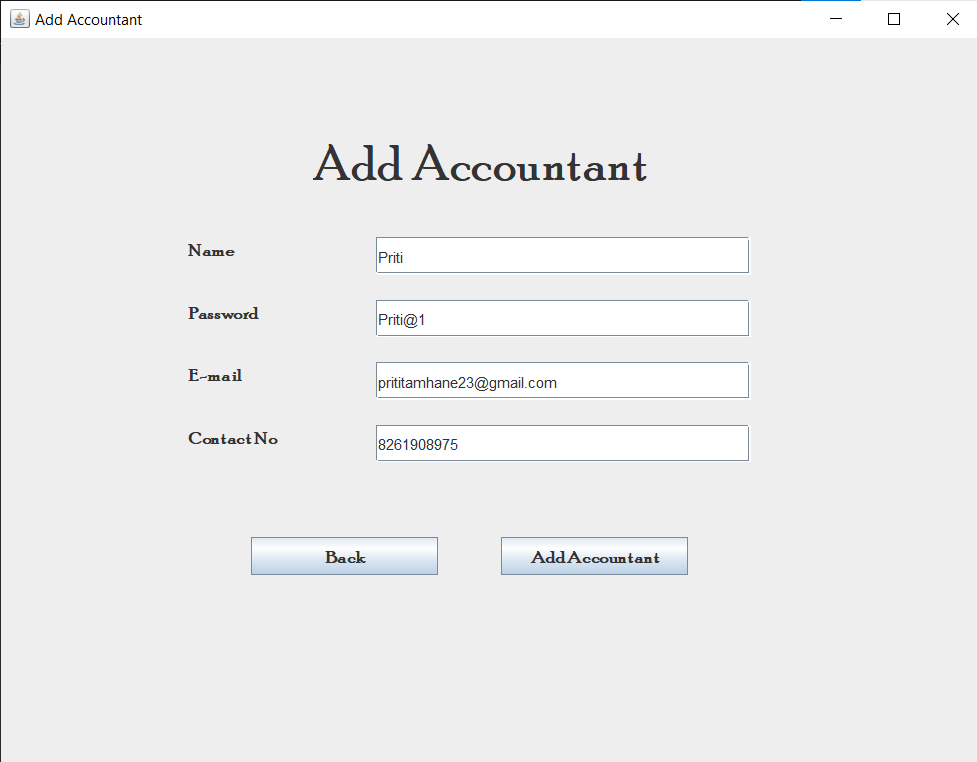
**OUTPUT**

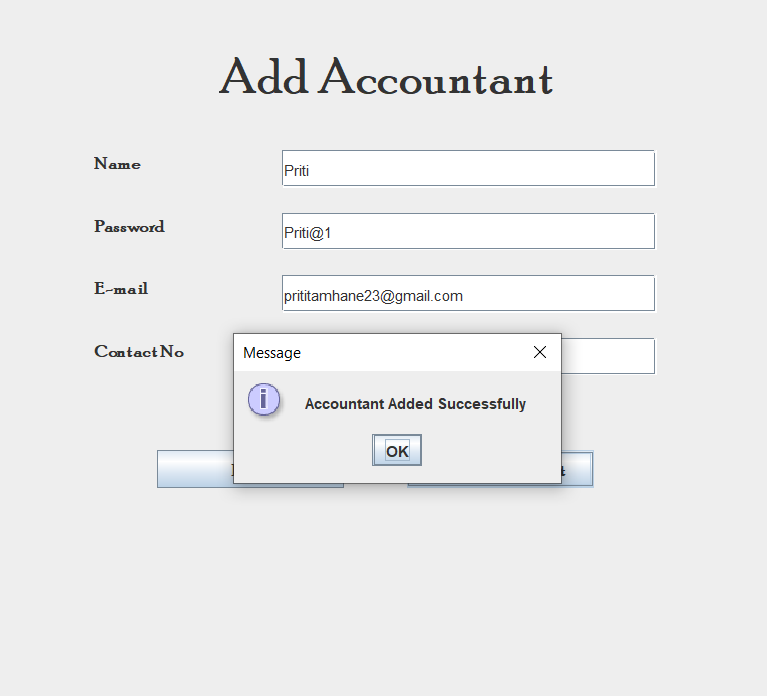
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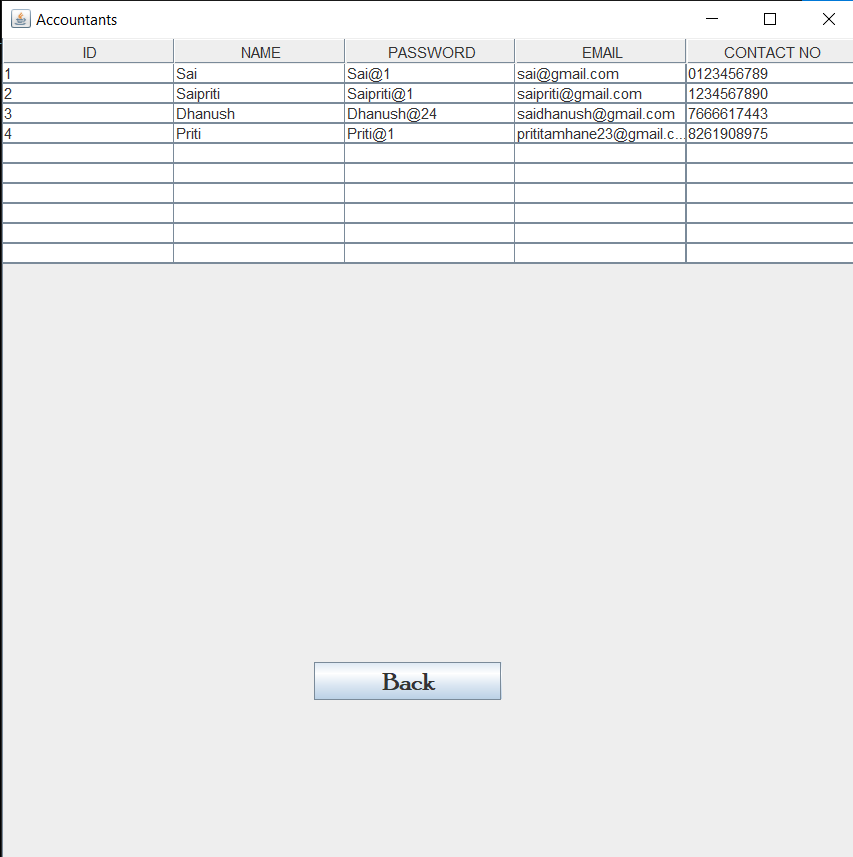
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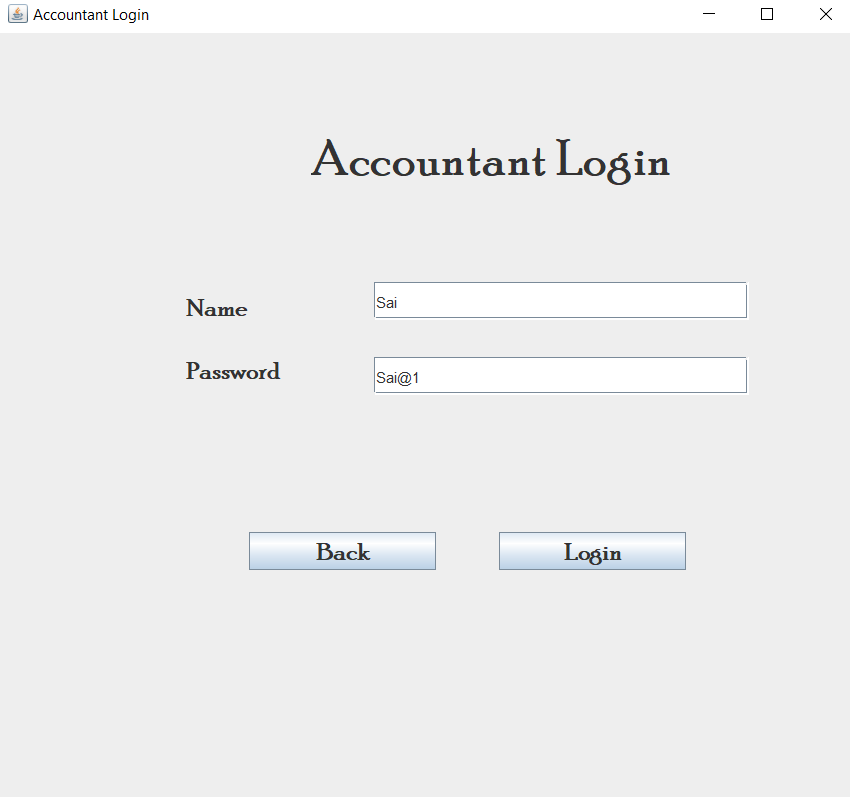
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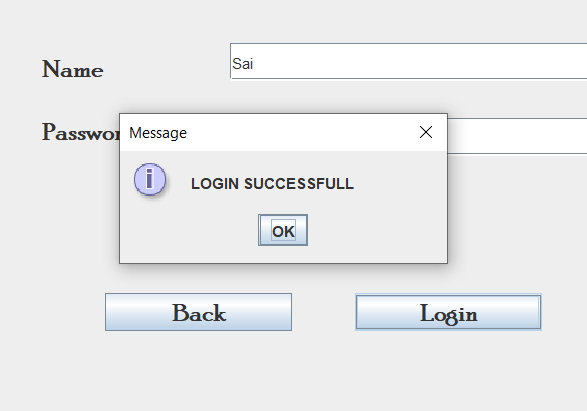
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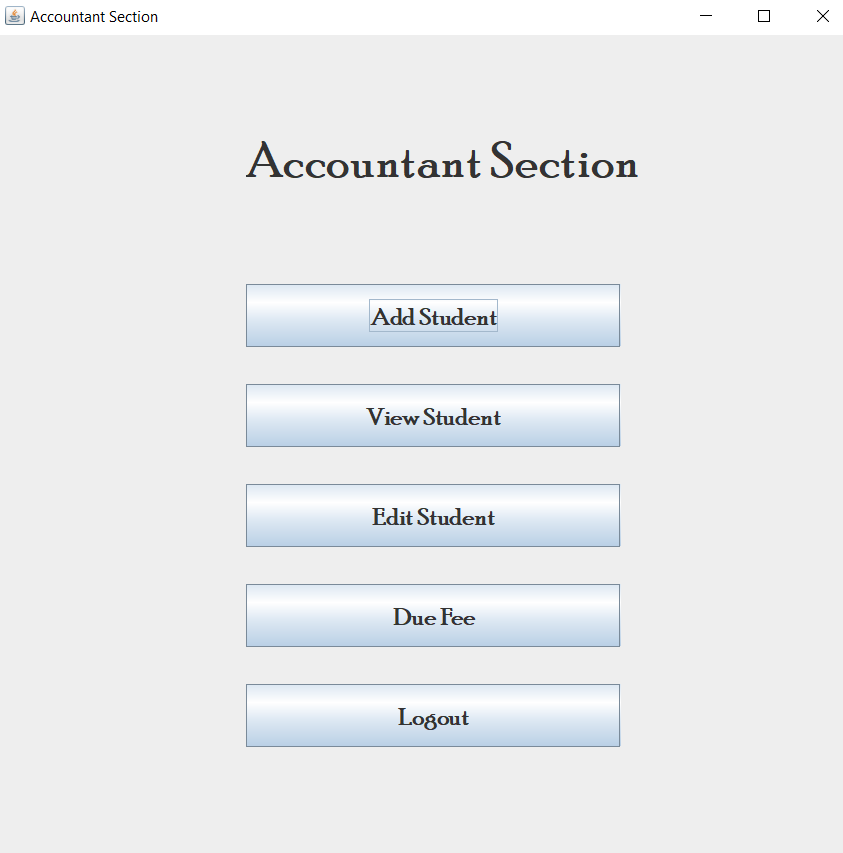
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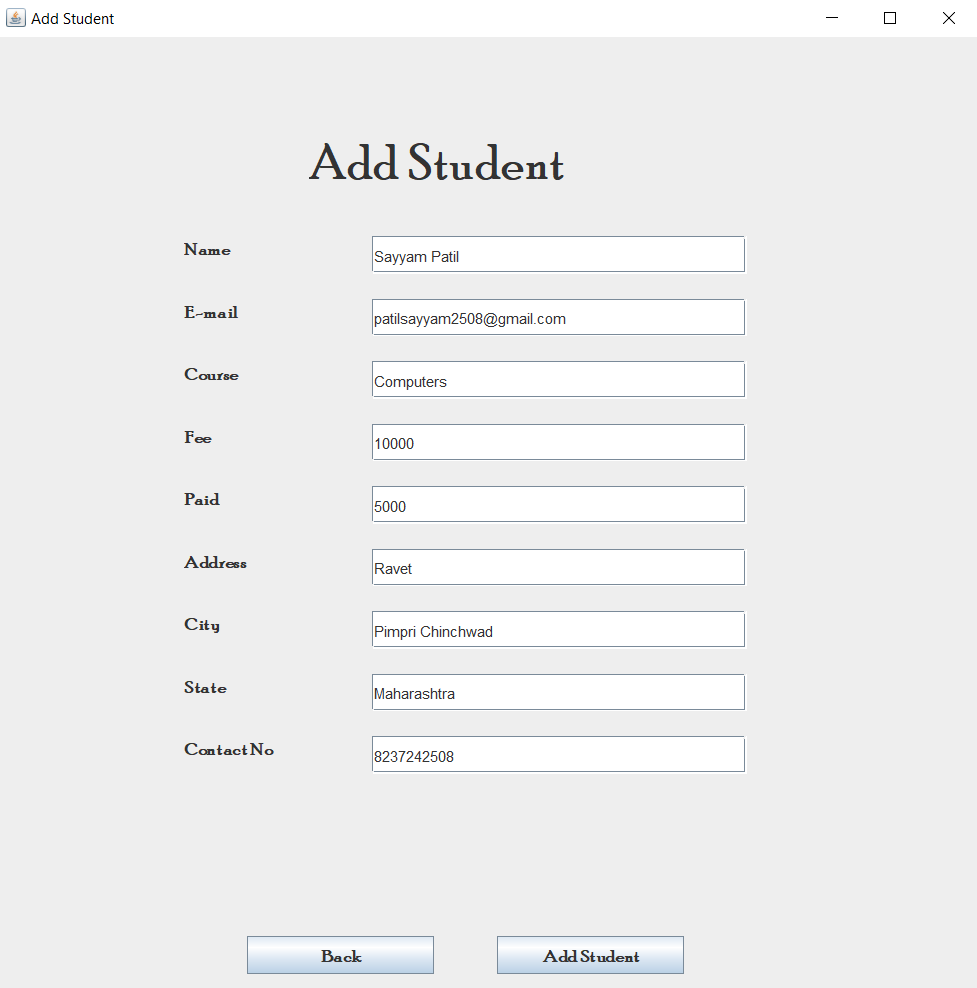
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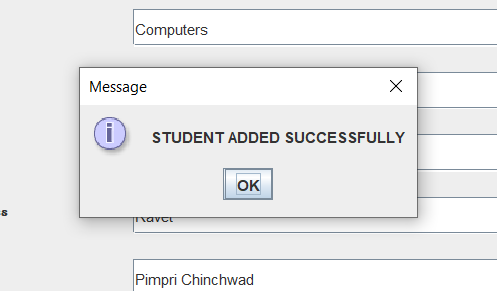
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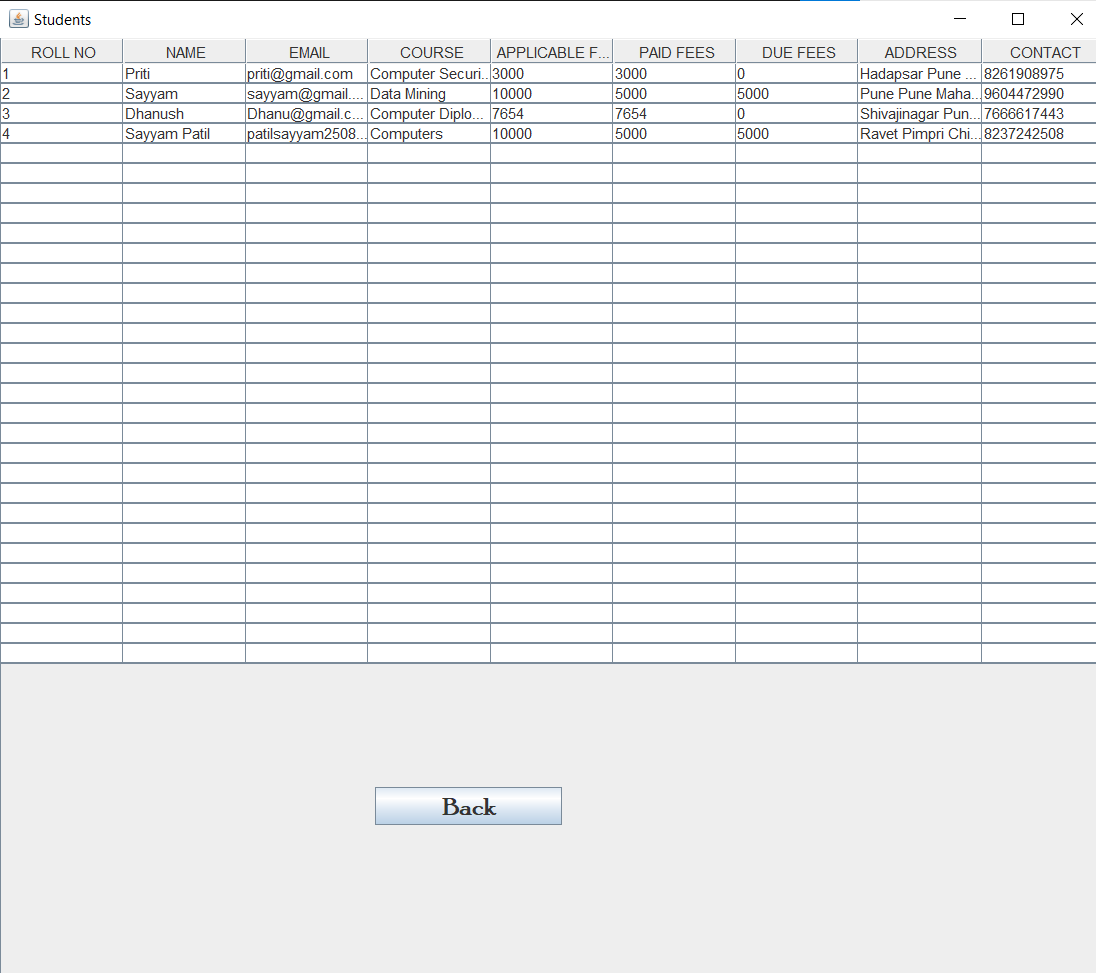
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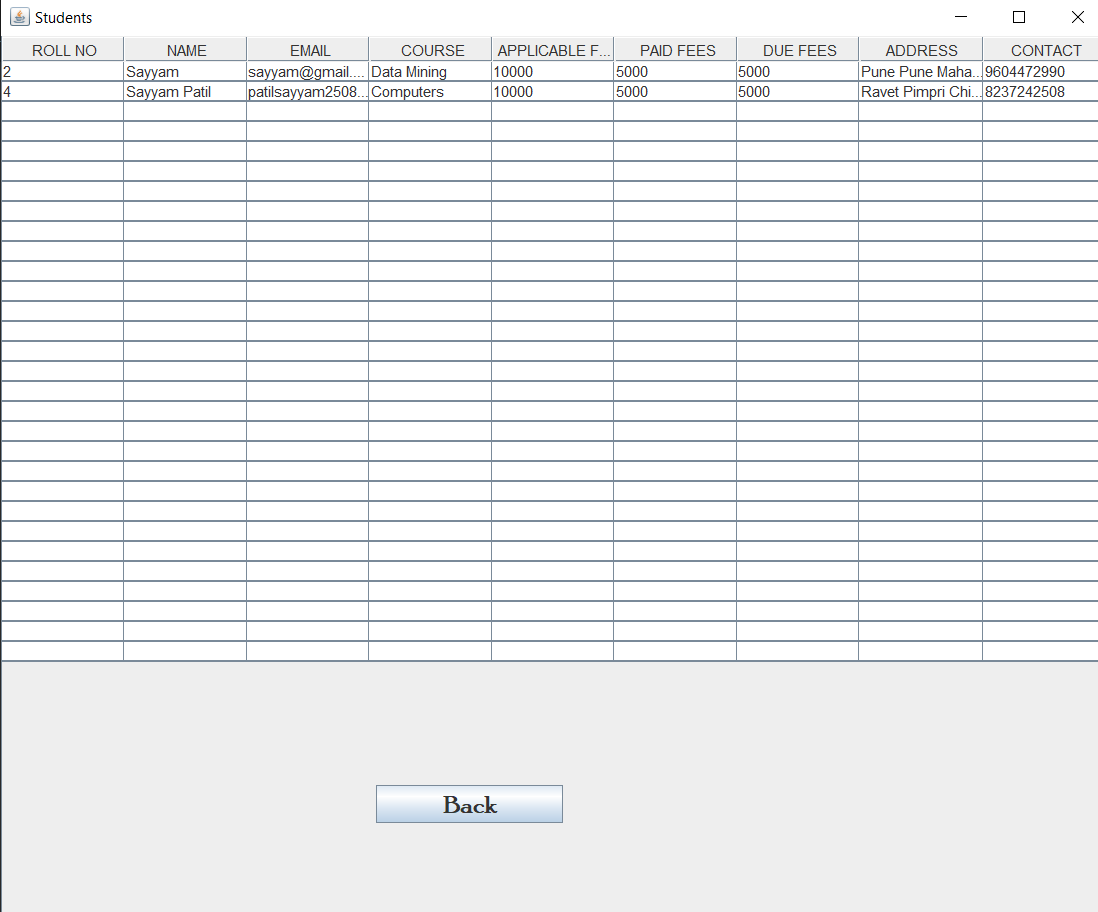
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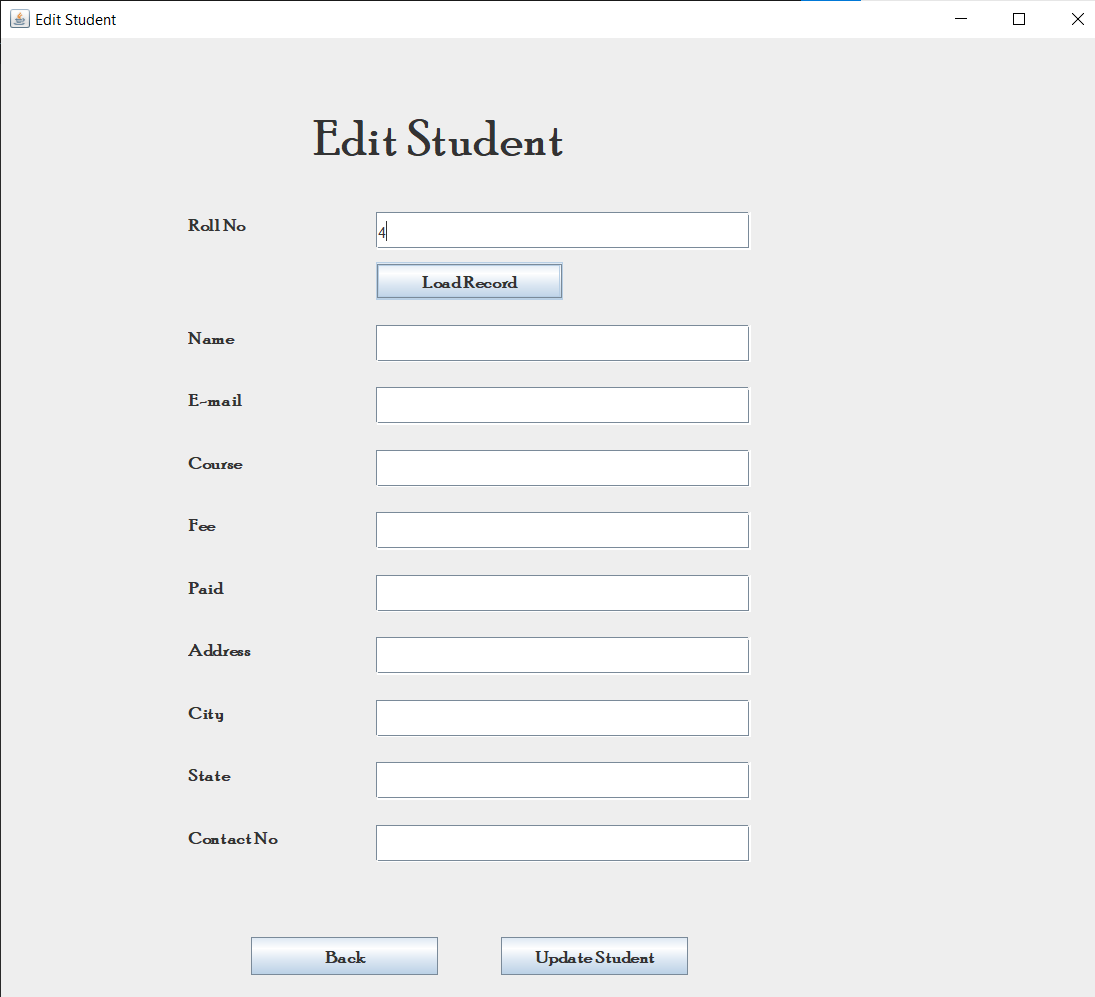
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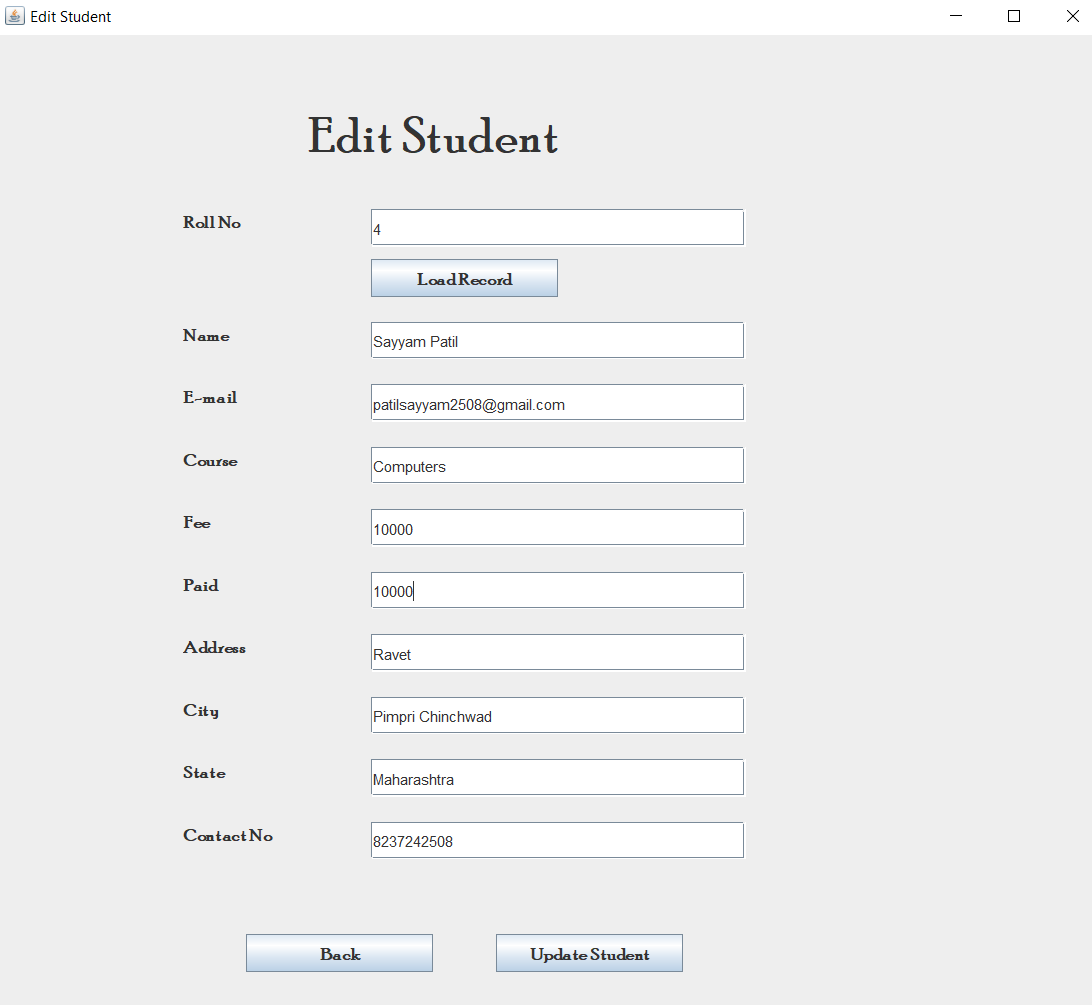
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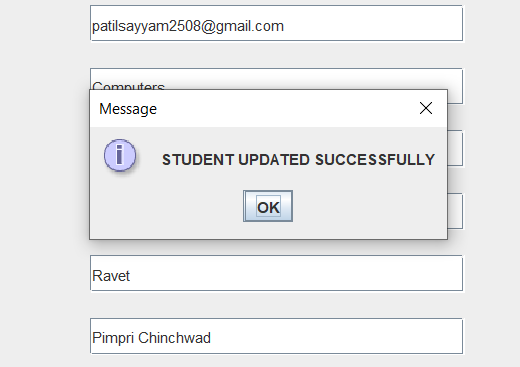
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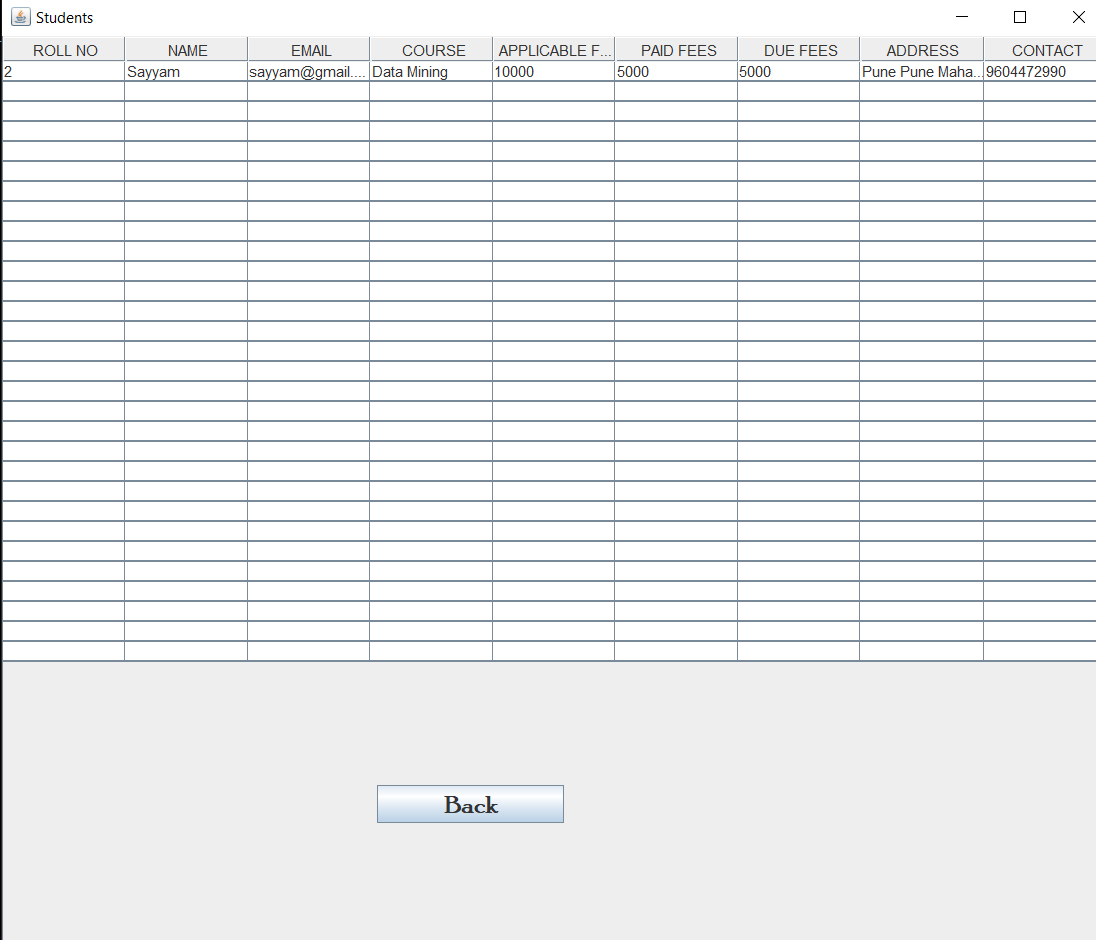
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