EMPLOYEE MANAGEMENT SYSTEM.

GUIDED BY : SMT. VARSHA DANGE

CS-B

BATCH-3

GROUP-5

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PROBLEM STATEMENT :

TO MAKE EMPLOYEE MANAGEMENT SYSTEM USING JAVA.

INTRODUCTION :

In this project, we have tried to frame the Employee Management System which uses the concept of creating a GUI application using java programming language. Here, MySQL is used for a data management regarding the information of an employee. So, combo of them is used for the basic construction of the project. The concepts of java “awt” and “swings” are used as the prime source for creating the various windows as shown below. Similarly, the simple SQL are used for the data manipulation in the application. Here, we have created total classes for every process to run efficiently.

The demonstration of each and everyone of them along with the code is shown below :

Connection Class Code :

*package* employee;  
*import* java.sql.\*;  
*import* java.util.\*;  
  
*import* java.sql.\*;  
  
*public class* conn{  
  
 *public Connection* c;  
 *public Statement* s;  
  
 *public* conn(){  
 *try*{  
 *//Class.forName("com.mysql.jdbc.Driver");* c = DriverManager.*getConnection*("jdbc:mysql:///newdb","root","12010517");  
 s = c.createStatement();  
 }*catch*(Exception e) {  
 e.printStackTrace();  
 }  
 }  
}

Front Page Code :

*package* employee;  
  
*import* java.awt.\*;  
*import* javax.swing.\*;  
*import* java.lang.Thread;  
*import* java.awt.event.\*;  
  
*class* Front\_Page *implements ActionListener*{  
 JFrame f;  
 JLabel id,l1;  
 JButton b;  
  
 Front\_Page(){  
  
 f=*new* JFrame("Employee Management System");  
 f.setBackground(Color.***red***);  
 f.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);  
 f.setLayout(*null*);  
  
 ImageIcon i1 = *new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/front.jpg");  
 Image i2 = i1.getImage().getScaledInstance(1200,700,Image.***SCALE\_DEFAULT***);  
 ImageIcon i3 = *new* ImageIcon(i2);  
 JLabel l1 = *new* JLabel(i3);  
  
 l1.setBounds(0,150,1360,530);  
 f.add(l1);  
  
  
 b = *new* JButton("CLICK HERE TO CONTINUE");  
 b.setBackground(Color.***black***);  
 b.setForeground(Color.***WHITE***);  
 *//b.setFocusable(false);* b.setBounds(920,600,300,70);  
 b.addActionListener(*this*);  
  
 id=*new* JLabel();  
 id.setBounds(0,0,1360,750);  
 id.setLayout(*null*);  
  
  
  
 JLabel lid=*new* JLabel("EMPLOYEE MANAGEMENT SYSTEM");  
 lid.setBounds(80,30,1500,100);  
 lid.setFont(*new* Font("serif",Font.***PLAIN***,70));  
 lid.setForeground(Color.***red***);  
 id.add(lid);  
  
 id.add(b);  
 f.add(id);  
  
  
 f.getContentPane().setBackground(Color.***WHITE***);  
  
 f.setVisible(*true*);  
 f.setSize(1360,750);  
 f.setLocation(200,100);  
  
 *while*(*true*){  
 lid.setVisible(*false*); *// lid = j label  
 try*{  
 *//Thread.sleep(500); //1000 = 1 second* }  
  
 *catch* (Exception e){}  
 lid.setVisible(*true*);  
  
 *try*{  
 Thread.*sleep*(500);  
 }  
 *catch*(Exception e){}  
 }  
  
 }  
 *public void* actionPerformed(ActionEvent ae){  
  
 *if*(ae.getSource()==b){  
 f.setVisible(*false*);  
 *new* login();  
 }  
 }  
  
 *public static void* main(String[] arg){  
 Front\_Page f = *new* Front\_Page();  
 }  
}

Login Page Code :

*package* employee;  
  
*import* java.awt.\*;  
*import* javax.swing.\*;  
*import* java.awt.event.\*;  
*import* java.sql.\*;  
  
*class* login *implements ActionListener*{  
  
 JFrame f;  
 JLabel l1,l2;  
 JTextField t1;  
 JPasswordField t2;  
 JButton b1,b2;  
  
 login(){  
  
 f=*new* JFrame("Login");  
  
 f.setBackground(Color.***white***);  
 f.setLayout(*null*);  
 f.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);  
  
 l1 = *new* JLabel("Username");  
 l1.setBounds(40,20,100,30);  
 f.add(l1);  
  
 l2 = *new* JLabel("Password");  
 l2.setBounds(40,70,100,30);  
 f.add(l2);  
  
 t1=*new* JTextField();  
 t1.setBounds(150,20,150,30);  
 f.add(t1);  
  
 t2=*new* JPasswordField();  
 t2.setBounds(150,70,150,30);  
 f.add(t2);  
  
 ImageIcon i1 = *new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/l2.jpg");  
 Image i2 = i1.getImage().getScaledInstance(150,150,Image.***SCALE\_DEFAULT***);  
 ImageIcon i3 = *new* ImageIcon(i2);  
 JLabel l3 = *new* JLabel(i3);  
 l3.setBounds(350,20,150,150);  
 f.add(l3);  
  
  
 b1 = *new* JButton("Login");  
 b1.setBounds(40,140,120,30);  
 b1.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b1.addActionListener(*this*);  
 b1.setBackground(Color.***BLACK***);  
 b1.setForeground(Color.***WHITE***);  
 f.add(b1);  
  
 b2=*new* JButton("Cancel");  
 b2.setBounds(180,140,120,30);  
 b2.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b2.setBackground(Color.***BLACK***);  
 b2.setForeground(Color.***WHITE***);  
 f.add(b2);  
  
 b2.addActionListener(*this*);  
  
 f.getContentPane().setBackground(Color.***WHITE***);  
  
 f.setVisible(*true*);  
 f.setSize(600,300);  
 f.setLocation(400,300);  
  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
  
 *try*{  
 conn c1 = *new* conn();  
 String u = t1.getText();  
 String v = t2.getText();  
  
 String q = "select \* from login where employee\_name ='"+u+"' and password='"+v+"'";  
  
 *ResultSet* rs = c1.s.executeQuery(q);  
 *if*(rs.next()){  
 *new* details().f.setVisible(*true*);  
 f.setVisible(*false*);  
 }*else*{  
 JOptionPane.*showMessageDialog*(*null*, "Invalid login");  
 *//f.setVisible(false);* }  
 }*catch*(Exception e){  
 e.printStackTrace();  
 }  
 }  
 *public static void* main(String[] arg){  
 login l=*new* login();  
 }  
}

Details Page Code :

*package* employee;  
  
*import* java.awt.\*;  
*import* javax.swing.\*;  
*import* java.awt.event.\*;  
  
*class* details *implements ActionListener*{  
  
 JFrame f;  
 JLabel l1,l2;  
 JButton b1,b2,b3,b4;  
  
 details(){  
 f=*new* JFrame("Employee Details");  
 f.setBackground(Color.***white***);  
 *//f.setSize(500, 500);* f.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);  
 f.setLayout(*null*);  
  
 l1 = *new* JLabel();  
 l1.setBounds(0,0,700,500);  
 l1.setLayout(*null*);  
 ImageIcon i1 = *new* ImageIcon(("C:/Users/Shrihari/Pictures/Saved Pictures/details.jpg"));  
 l1.setIcon(i1);  
 f.add(l1);  
  
 l2 = *new* JLabel("Employee Details");  
 l2.setBounds(430,20,200,40);  
 l2.setFont(*new* Font("serif",Font.***BOLD***,25));  
 l2.setForeground(Color.***black***);  
 l1.add(l2);  
  
 b1=*new* JButton("Add");  
 b1.setBounds(420,80,100,40);  
 b1.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b1.addActionListener(*this*);  
 l1.add(b1);  
  
  
 b2=*new* JButton("View");  
 b2.setBounds(530,80,100,40);  
 b2.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b2.addActionListener(*this*);  
 l1.add(b2);  
  
 b3=*new* JButton("Remove");  
 b3.setBounds(420,140,100,40);  
 b3.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b3.addActionListener(*this*);  
 l1.add(b3);  
  
 b4=*new* JButton("Update");  
 b4.setBounds(530,140,100,40);  
 b4.setFont(*new* Font("serif",Font.***BOLD***,15));  
 b4.addActionListener(*this*);  
 l1.add(b4);  
  
   
  
  
 f.setVisible(*true*);  
 f.setSize(700,500);  
 f.setLocation(450,200);  
  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
 *if*(ae.getSource()==b1){  
 f.setVisible(*false*);  
 *new* Add\_Employee();  
 }  
 *if*(ae.getSource()==b2){  
 f.setVisible(*false*);  
 *new* View\_Employee();  
 }  
 *if*(ae.getSource()==b3){  
 f.setVisible(*false*);  
 *new* Remove\_Employee();  
 }  
 *if*(ae.getSource()==b4){  
 f.setVisible(*false*);  
 *new* Search\_Employee();  
 }  
 }  
  
 *public static void* main(String[] arg){  
 details d = *new* details();  
 }  
}

Adding Employee Code :

*package* employee;  
  
*import* java.sql.\*;  
*import* java.awt.\*;  
*import* java.awt.event.\*;  
*import* java.io.\*;  
*import* javax.swing.\*;  
  
*class* Add\_Employee *implements ActionListener*{  
  
 JFrame f;  
 JLabel id,id1,id2,id3,id4,id5,id6,id7,id8,id9,id10,id11,id12,id15,id16,id17,lab,lab1;  
 JTextField t,t1,t2,t3,t4,t5,t6,t7,t8,t9,t10,t11,t12,t13;  
 JButton b,b1,b2,b3;  
  
 Add\_Employee(*int* i){}  
  
 Add\_Employee(){  
 f = *new* JFrame("Add Employee");  
 f.setBackground(Color.***white***);  
 f.setLayout(*null*);  
  
 id15=*new* JLabel();  
 id15.setBounds(0,0,900,700);  
 id15.setLayout(*null*);  
 ImageIcon img = *new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/add\_employee.jpg");  
 id15.setIcon(img);  
  
 id8 = *new* JLabel("New Employee Details");  
 id8.setBounds(320,30,500,50);  
 id8.setFont(*new* Font("serif",Font.***ITALIC***,25));  
 id8.setForeground(Color.***black***);  
 id15.add(id8);  
 f.add(id15);  
  
  
 id1 = *new* JLabel("Name");  
 id1.setBounds(50,150,100,30);  
 id1.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id1);  
  
 t1=*new* JTextField();  
 t1.setBounds(200,150,150,30);  
 id15.add(t1);  
  
 id2 = *new* JLabel("Father's Name");  
 id2.setBounds(400,150,200,30);  
 id2.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id2);  
  
 t2=*new* JTextField();  
 t2.setBounds(600,150,150,30);  
 id15.add(t2);  
  
 id3= *new* JLabel("Age");  
 id3.setBounds(50,200,100,30);  
 id3.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id3);  
  
 t3=*new* JTextField();  
 t3.setBounds(200,200,150,30);  
 id15.add(t3);  
  
 id4= *new* JLabel("Date Of Birth");  
 id4.setBounds(400,200,200,30);  
 id4.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id4);  
  
 t4=*new* JTextField();  
 t4.setBounds(600,200,150,30);  
 id15.add(t4);  
  
 id5= *new* JLabel("Address");  
 id5.setBounds(50,250,100,30);  
 id5.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id5);  
  
 t5=*new* JTextField();  
 t5.setBounds(200,250,150,30);  
 id15.add(t5);  
  
 id6= *new* JLabel("Phone");  
 id6.setBounds(400,250,100,30);  
 id6.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id6);  
  
 t6=*new* JTextField();  
 t6.setBounds(600,250,150,30);  
 id15.add(t6);  
  
 id7= *new* JLabel("Email Id");  
 id7.setBounds(50,300,100,30);  
 id7.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id7);  
  
 t7=*new* JTextField();  
 t7.setBounds(200,300,150,30);  
 id15.add(t7);  
  
 id9= *new* JLabel("Education");  
 id9.setBounds(400,300,100,30);  
 id9.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id9);  
  
 t8=*new* JTextField();  
 t8.setBounds(600,300,150,30);  
 id15.add(t8);  
  
 id10= *new* JLabel("Job Post");  
 id10.setBounds(50,350,100,30);  
 id10.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id10);  
  
 t9=*new* JTextField();  
 t9.setBounds(200,350,150,30);  
 id15.add(t9);  
  
  
 id11= *new* JLabel("Aadhar No");  
 id11.setBounds(400,350,100,30);  
 id11.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id11);  
  
 t10=*new* JTextField();  
 t10.setBounds(600,350,150,30);  
 id15.add(t10);  
  
 id12= *new* JLabel("Employee Id");  
 id12.setBounds(50,400,150,30);  
 id12.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id12);  
  
 t11=*new* JTextField();  
 t11.setBounds(200,400,150,30);  
 id15.add(t11);  
  
  
  
 lab=*new* JLabel();  
 lab.setBounds(200,450,250,200);  
 id15.add(lab);  
  
 lab1=*new* JLabel("");  
 lab1.setBounds(600,450,250,200);  
 id15.add(lab1);  
  
 b = *new* JButton("Submit");  
 b.setBackground(Color.***BLACK***);  
 b.setForeground(Color.***WHITE***);  
 b.setBounds(250,550,150,40);  
  
 id15.add(b);  
  
 b1=*new* JButton("Cancel");  
 b1.setBackground(Color.***BLACK***);  
 b1.setForeground(Color.***WHITE***);  
 b1.setBounds(450,550,150,40);  
  
 id15.add(b1);  
  
 b.addActionListener(*this*);  
 b1.addActionListener(*this*);  
  
 f.setVisible(*true*);  
 f.setSize(900,700);  
 f.setLocation(400,150);  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
  
 String a = t1.getText();  
 String bb = t2.getText();  
 String c = t3.getText();  
 String d = t4.getText();  
 String e = t5.getText();  
 String ff = t6.getText();  
 String g = t7.getText();  
 String h = t8.getText();  
 String i = t9.getText();  
 String j = t10.getText();  
 String k = t11.getText();  
 *if*(ae.getSource() == b){  
 *try*{  
 conn cc = *new* conn();  
 String q = "insert into employee values('"+a+"','"+bb+"','"+c+"','"+d+"','"+e+"','"+ff+"','"+g+"','"+h+"','"+i+"','"+j+"','"+k+"')";  
 cc.s.executeUpdate(q);  
 JOptionPane.*showMessageDialog*(*null*,"Details Successfully Inserted");  
 f.setVisible(*false*);  
 *new* details();  
 }*catch*(Exception ee){  
 System.***out***.println("The error is:"+ee);  
 }  
 }*else if*(ae.getSource() == b1){  
 f.setVisible(*false*);  
 *new* details();  
 }  
 }  
 *public static void* main(String[] arg){  
 *new* Add\_Employee();  
 }  
}

View Employee Class :

*package* employee;  
  
*import* java.awt.\*;  
*import* java.awt.event.\*;  
*import* javax.swing.\*;  
  
*class* View\_Employee *implements ActionListener*{  
  
 JFrame f;  
 JTextField t;  
 JLabel l1,l2;  
 JButton b,b2;  
  
 View\_Employee(){  
 f=*new* JFrame("View");  
 f.setBackground(Color.***green***);  
 f.setLayout(*null*);  
  
 l1=*new* JLabel();  
 l1.setBounds(0,0,500,270);  
 l1.setLayout(*null*);  
 ImageIcon img=*new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/view.jpg");  
 l1.setIcon(img);  
  
  
 l2=*new* JLabel("Employee Id");  
 l2.setVisible(*true*);  
 l2.setBounds(40,60,250,30);  
 l2.setForeground(Color.***white***);  
 Font F1 = *new* Font("serif",Font.***BOLD***,30);  
 l2.setFont(F1);  
 l1.add(l2);  
 f.add(l1);  
  
  
 t=*new* JTextField();  
 t.setBounds(240,60,220,30);  
 l1.add(t);  
  
 b=*new* JButton("Search");  
 b.setBounds(240,150,100,30);  
 b.addActionListener(*this*);  
 l1.add(b);  
  
 b2=*new* JButton("Cancel");  
 b2.setBounds(360,150,100,30);  
 b2.addActionListener(*this*);  
 l1.add(b2);  
  
 f.setSize(500,270);  
 f.setLocation(450,250);  
 f.setVisible(*true*);  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
  
 *if*(ae.getSource()==b2){  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 *if*(ae.getSource()==b){  
 f.setVisible(*false*);  
 Print\_Data p=*new* Print\_Data(t.getText());  
 }  
  
 }  
  
 *public static void* main(String[]args){  
 View\_Employee v=*new* View\_Employee();  
 }  
}

Printing Details :

*package* employee;  
  
*import* java.awt.\*;  
*import* javax.swing.\*;  
*import* java.awt.event.\*;  
*import* java.sql.\*;  
  
*class* Print\_Data *implements ActionListener*{  
 JFrame f;  
 JLabel id8,id,aid,id1,aid1,id2,aid2,id3,aid3,id4,aid4,id5,aid5,id6,aid6,id7,aid7,id9,id10,id11,id12,id13,id14,id15,id16,id17,lab;  
 String emp\_id,name,father,address,phone,email,education,post,age,dob,aadhar;  
 JButton b1,b2;  
 ImageIcon icon;  
  
 Print\_Data(String e\_id){  
 *try*{  
 conn con = *new* conn();  
 String str = "select \* from employee where emp\_id = '"+e\_id+"'";  
 *ResultSet* rs= con.s.executeQuery(str);  
  
 *while*(rs.next()){  
  
  
 name = rs.getString("name");  
 father = rs.getString("fname");  
 age = rs.getString("age");  
 dob = rs.getString("dob");  
 address = rs.getString("address");  
 phone = rs.getString("phone");  
 email = rs.getString("email");  
 education = rs.getString("education");  
 post = rs.getString("post");  
 aadhar = rs.getString("aadhar");  
 emp\_id = rs.getString("emp\_id");  
 }  
 }*catch*(Exception e){  
 e.printStackTrace();  
 }  
  
 f=*new* JFrame("Print Data");  
 f.setVisible(*true*);  
 f.setSize(595,642);  
 f.setLocation(450,200);  
 f.setBackground(Color.***white***);  
 f.setLayout(*null*);  
  
  
 id9=*new* JLabel();  
 id9.setBounds(0,0,595,642);  
 id9.setLayout(*null*);  
 ImageIcon img=*new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/print.jpg");  
 id9.setIcon(img);  
  
 id8 = *new* JLabel("Employee Details");  
 id8.setBounds(50,10,250,30);  
 f.add(id8);  
 id8.setFont(*new* Font("serif",Font.***BOLD***,25));  
 id9.add(id8);  
 f.add(id9);  
  
 id = *new* JLabel("Employee Id:");  
 id.setBounds(50,70,120,30);  
 id.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id);  
  
 aid = *new* JLabel(emp\_id);  
 aid.setBounds(200,70,200,30);  
 aid.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid);  
  
 id1 = *new* JLabel("Name:");  
 id1.setBounds(50,120,100,30);  
 id1.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id1);  
  
 aid1 = *new* JLabel(name);  
 aid1.setBounds(200,120,300,30);  
 aid1.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid1);  
  
  
 id2 = *new* JLabel("Father's Name:");  
 id2.setBounds(50,170,200,30);  
 id2.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id2);  
  
 aid2 = *new* JLabel(father);  
 aid2.setBounds(200,170,300,30);  
 aid2.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid2);  
  
 id3= *new* JLabel("Address:");  
 id3.setBounds(50,220,100,30);  
 id3.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id3);  
  
 aid3= *new* JLabel(address);  
 aid3.setBounds(200,220,300,30);  
 aid3.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid3);  
  
  
 id4= *new* JLabel("Mobile No:");  
 id4.setBounds(50,270,100,30);  
 id4.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id4);  
  
 aid4= *new* JLabel(phone);  
 aid4.setBounds(200,270,300,30);  
 aid4.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid4);  
  
  
 id5= *new* JLabel("Email Id:");  
 id5.setBounds(50,320,100,30);  
 id5.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id5);  
  
 aid5= *new* JLabel(email);  
 aid5.setBounds(200,320,300,30);  
 aid5.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid5);  
  
  
 id6= *new* JLabel("Education:");  
 id6.setBounds(50,370,100,30);  
 id6.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id6);  
  
 aid6= *new* JLabel(education);  
 aid6.setBounds(200,370,300,30);  
 aid6.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid6);  
  
  
 id7= *new* JLabel("Job Post:");  
 id7.setBounds(50,420,100,30);  
 id7.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(id7);  
  
 aid7= *new* JLabel(post);  
 aid7.setBounds(200,420,300,30);  
 aid7.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id9.add(aid7);  
  
  
 b1=*new* JButton("Print");  
 b1.setBackground(Color.***BLACK***);  
 b1.setForeground(Color.***WHITE***);  
 b1.setBounds(100,520,100,30);  
 b1.addActionListener(*this*);  
 id9.add(b1);  
  
 b2=*new* JButton("Cancel");  
 b2.setBackground(Color.***BLACK***);  
 b2.setForeground(Color.***WHITE***);  
 b2.setBounds(250,520,100,30);  
 b2.addActionListener(*this*);  
 id9.add(b2);  
  
  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
  
 *if*(ae.getSource()==b1){  
 JOptionPane.*showMessageDialog*(*null*,"printed successfully");  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 *if*(ae.getSource()==b2){  
 f.setVisible(*false*);  
 *new* View\_Employee();  
 }  
 }  
 *public static void* main(String[] args){  
 *new* Print\_Data("Print Data");  
 }  
  
}

Remove Employee Page :

*package* employee;  
  
*import* java.sql.\*;  
*import* java.awt.\*;  
*import* java.awt.event.\*;  
*import* javax.swing.\*;  
  
*class* Remove\_Employee *implements ActionListener*{  
 JFrame f;  
 JTextField t;  
 JLabel l1,l2,l3,l4,l5,l6,l7,l8;  
 JButton b,b1,b2,b3;  
  
 Remove\_Employee(){  
 f=*new* JFrame("Remove Employee");  
 f.setBackground(Color.***green***);  
 f.setLayout(*null*);  
  
 l5=*new* JLabel();  
 l5.setBounds(0,0,500,500);  
 l5.setLayout(*null*);  
 ImageIcon img=*new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/remove.jpg");  
 l5.setIcon(img);  
 f.add(l5);  
  
  
 l1=*new* JLabel("Employee Id");  
 l1.setBounds(50,50,250,30);  
 l1.setForeground(Color.***white***);  
 Font f2 = *new* Font("serif",Font.***BOLD***,25);  
 l1.setFont(f2);  
 l5.add(l1);  
  
 t=*new* JTextField();  
 t.setBounds(250,50,150,30);  
 l5.add(t);  
  
  
 b=*new* JButton("Search");  
 b.setBounds(200,100,100,30);  
 b.addActionListener(*this*);  
 l5.add(b);  
  
 b3=*new* JButton("Back");  
 b3.setBounds(360,100,100,30);  
 b3.addActionListener(*this*);  
 l5.add(b3);  
  
  
 l2=*new* JLabel("Name:");  
 l2.setBounds(50,150,250,30);  
 l2.setForeground(Color.***white***);  
 Font f3 = *new* Font("serif",Font.***BOLD***,20);  
 l2.setFont(f3);  
 l5.add(l2);  
  
 l6=*new* JLabel();  
 l6.setBounds(200,150,350,30);  
 l6.setForeground(Color.***white***);  
 Font F6=*new* Font("serif",Font.***BOLD***,20);  
 l6.setFont(F6);  
 l5.add(l6);  
  
 l3=*new* JLabel("Mobile No:");  
 l3.setBounds(50,200,250,30);  
 l3.setForeground(Color.***white***);  
 Font f4 = *new* Font("serif",Font.***BOLD***,20);  
 l3.setFont(f4);  
 l5.add(l3);  
  
  
 l7=*new* JLabel();  
 l7.setBounds(200,200,350,30);  
 l7.setForeground(Color.***white***);  
 Font F7=*new* Font("serif",Font.***BOLD***,20);  
 l7.setFont(F7);  
 l5.add(l7);  
  
  
  
 l4=*new* JLabel("Email Id:");  
 l4.setBounds(50,250,250,30);  
 l4.setForeground(Color.***white***);  
 Font F5=*new* Font("serif",Font.***BOLD***,20);  
 l4.setFont(F5);  
 l5.add(l4);  
  
 l8=*new* JLabel();  
 l8.setBounds(200,250,350,30);  
 l8.setForeground(Color.***white***);  
 Font f8=*new* Font("serif",Font.***BOLD***,20);  
 l8.setFont(f8);  
 l5.add(l8);  
  
 b1=*new* JButton("Remove");  
 b1.setBounds(120,300,100,30);  
 b1.addActionListener(*this*);  
 l5.add(b1);  
  
  
 b2=*new* JButton("Cancel");  
 b2.setBounds(300,300,100,30);  
 b2.addActionListener(*this*);  
 l5.add(b2);  
 l2.setVisible(*false*);  
 l3.setVisible(*false*);  
 l4.setVisible(*false*);  
 b1.setVisible(*false*);  
 b2.setVisible(*false*);  
  
 f.setSize(500,500);  
 f.setLocation(500,250);  
 f.setVisible(*true*);  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
  
 *if*(ae.getSource()==b){  
 *try*{  
 conn con = *new* conn();  
 String str = "select name,phone,email from employee where emp\_id ='"+t.getText()+"' ";  
 *ResultSet* rs = con.s.executeQuery(str);  
  
 *int* i=0;  
 *if*(rs.next()){  
 String name = rs.getString(1);  
 String mob = rs.getString(2);  
 String email=rs.getString(3);  
  
 l2.setVisible(*true*);  
 l3.setVisible(*true*);  
 l4.setVisible(*true*);  
 b1.setVisible(*true*);  
 b2.setVisible(*true*);  
 i=1;  
 l6.setText(name);  
 l7.setText(mob);  
 l8.setText(email);  
 }  
 *if*(i==0)  
 JOptionPane.*showMessageDialog*(*null*,"Id not found");  
 }*catch*(Exception ex){}  
 }  
 *if*(ae.getSource()==b1){  
 *try*{  
 conn con = *new* conn();  
 String str = "delete from employee where emp\_id = '"+t.getText()+"'";  
 con.s.executeUpdate(str);  
 JOptionPane.*showMessageDialog*(*null*,"deleted successfully");  
 l2.setVisible(*false*);  
 l3.setVisible(*false*);  
 l4.setVisible(*false*);  
 l6.setVisible(*false*);  
 l7.setVisible(*false*);  
 l8.setVisible(*false*);  
 b1.setVisible(*false*);  
 b2.setVisible(*false*);  
  
 }*catch*(Exception ex){  
 JOptionPane.*showMessageDialog*(*null*,"Exception occured while delting record "+ex);  
 }  
 }  
 *if*(ae.getSource()==b2){  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 *if*(ae.getSource()==b3){  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 }  
  
 *public static void* main(String[]ar){  
 *new* Remove\_Employee();  
 }  
}

Search Employee :

*package* employee;  
  
*import* java.awt.\*;  
*import* java.awt.event.\*;  
*import* javax.swing.\*;  
  
*class* Search\_Employee *implements ActionListener*{  
 JFrame f;  
 JTextField t;  
 JLabel l,l5;  
 JButton b,b2;  
  
 Search\_Employee(){  
 f=*new* JFrame("search");  
 f.setBackground(Color.***green***);  
 f.setLayout(*null*);  
  
 l5=*new* JLabel();  
 l5.setBounds(0,0,500,270);  
 l5.setLayout(*null*);  
 ImageIcon img=*new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/view.jpg");  
 l5.setIcon(img);  
  
  
 l=*new* JLabel("Employee Id");  
 l.setVisible(*true*);  
 l.setBounds(40,50,250,30);  
 l.setForeground(Color.***white***);  
 Font F1=*new* Font("serif",Font.***BOLD***,25);  
 l.setFont(F1);  
 l5.add(l);  
 f.add(l5);  
  
 t=*new* JTextField();  
 t.setBounds(240,50,220,30);  
 l5.add(t);  
  
 b=*new* JButton("Search");  
 b.setBounds(240,150,100,30);  
 b.addActionListener(*this*);  
 l5.add(b);  
  
  
 b2=*new* JButton("Cancel");  
 b2.setBounds(360,150,100,30);  
 b2.addActionListener(*this*);  
 l5.add(b2);  
  
 f.setSize(500,270);  
 f.setLocation(450,250);  
 f.setVisible(*true*);  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
 *if*(ae.getSource()==b2){  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 *if*(ae.getSource()==b){  
 *new* Update\_Employee(t.getText());  
 f.setVisible(*false*);  
 }  
  
 }  
  
 *public static void* main(String[]ar){  
 *new* Search\_Employee();  
 }  
}

Update Employee code :

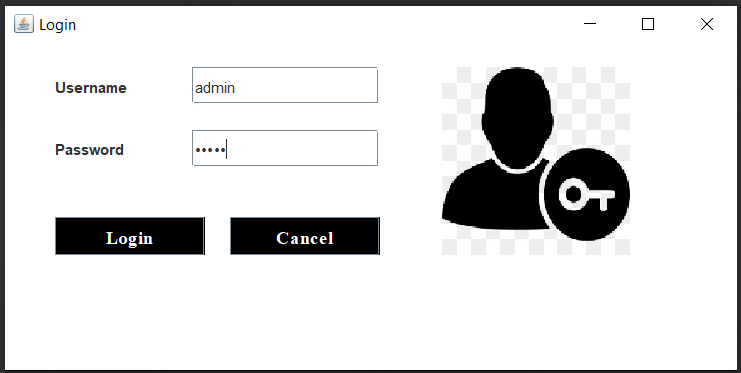
*package* employee;  
  
*import* java.awt.\*;  
*import* java.sql.\*;  
*import* javax.swing.\*;  
*import* java.awt.event.\*;  
  
*class* Update\_Employee *extends* Add\_Employee *implements ActionListener*{  
  
 JFrame f;  
 JLabel id,id1,id2,id3,id4,id5,id6,id7,id8,id9,id10,id11,id12,id15,lab,lab1;  
 JTextField t,t1,t2,t3,t4,t5,t6,t7,t8,t9,t10,t11;  
 JButton b,b1,b2,b3;  
 String id\_emp;  
  
 Update\_Employee(String idaa){  
 *super*(0);  
 f=*new* JFrame("update Employee details");  
 f.setVisible(*true*);  
 f.setSize(900,500);  
 f.setLocation(450,250);  
 f.setBackground(Color.***white***);  
 f.setLayout(*null*);  
  
 id\_emp=idaa;  
 id15=*new* JLabel();  
 id15.setBounds(0,0,900,500);  
 id15.setLayout(*null*);  
 ImageIcon img=*new* ImageIcon("C:/Users/Shrihari/Pictures/Saved Pictures/add\_employee.jpg");  
 id15.setIcon(img);  
  
 id8 = *new* JLabel("Update Employee Detail:");  
 id8.setBounds(50,10,500,50);  
 id8.setFont(*new* Font("serif",Font.***ITALIC***,40));  
 id8.setForeground(Color.***black***);  
 id15.add(id8);  
 f.add(id15);  
  
  
 id1 = *new* JLabel("Name:");  
 id1.setBounds(50,100,100,30);  
 id1.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id1);  
  
 t1=*new* JTextField();  
 t1.setBounds(200,100,150,30);  
 id15.add(t1);  
  
 id2 = *new* JLabel("Father's Name:");  
 id2.setBounds(400,100,200,30);  
 id2.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id2);  
  
 t2=*new* JTextField();  
 t2.setBounds(600,100,150,30);  
 id15.add(t2);  
  
 id3= *new* JLabel("Address:");  
 id3.setBounds(50,150,100,30);  
 id3.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id3);  
  
 t3=*new* JTextField();  
 t3.setBounds(200,150,150,30);  
 id15.add(t3);  
  
 id4= *new* JLabel("Mobile No:");  
 id4.setBounds(400,150,100,30);  
 id4.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id4);  
  
 t4=*new* JTextField();  
 t4.setBounds(600,150,150,30);  
 id15.add(t4);  
  
 id5= *new* JLabel("Email Id:");  
 id5.setBounds(50,200,100,30);  
 id5.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id5);  
  
 t5=*new* JTextField();  
 t5.setBounds(200,200,150,30);  
 id15.add(t5);  
  
 id6= *new* JLabel("Education:");  
 id6.setBounds(400,200,100,30);  
 id6.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id6);  
  
 t6=*new* JTextField();  
 t6.setBounds(600,200,150,30);  
 id15.add(t6);  
  
 id7= *new* JLabel("Job Post:");  
 id7.setBounds(50,250,100,30);  
 id7.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id7);  
  
 t7=*new* JTextField();  
 t7.setBounds(200,250,150,30);  
 id15.add(t7);  
  
 id9= *new* JLabel("Aadhar No:");  
 id9.setBounds(400,250,100,30);  
 id9.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id9);  
  
 t8=*new* JTextField();  
 t8.setBounds(600,250,150,30);  
 id15.add(t8);  
  
 id10= *new* JLabel("Employee Id:");  
 id10.setBounds(50,300,150,30);  
 id10.setFont(*new* Font("serif",Font.***BOLD***,20));  
 id15.add(id10);  
 f.setVisible(*false*);  
 t9=*new* JTextField();  
 t9.setBounds(200,300,150,30);  
 id15.add(t9);  
  
 b=*new* JButton("Update");  
 b.setBounds(250,400,100,30);  
 b.addActionListener(*this*);  
 id15.add(b);  
  
 b1=*new* JButton("Cancel");  
 b1.setBounds(450,400,100,30);  
 b1.addActionListener(*this*);  
 id15.add(b1);  
  
 showData(idaa);  
 }  
  
 *int* i=0;  
 String age,dat;  
  
 *void* showData(String s){  
 *try*{  
 conn con = *new* conn();  
 String str = "select \* from employee where emp\_id = '"+s+"'";  
 *ResultSet* rs = con.s.executeQuery(str);  
  
 *if*(rs.next()){  
 f.setVisible(*true*);  
 i=1;  
  
 t1.setText(rs.getString(1));  
 t2.setText(rs.getString(2));  
 t3.setText(rs.getString(5));  
 t4.setText(rs.getString(6));  
 t5.setText(rs.getString(7));  
 t6.setText(rs.getString(8));  
 t7.setText(rs.getString(9));  
 t8.setText(rs.getString(10));  
 t9.setText(rs.getString(11));  
  
 age=rs.getString(3);  
 dat=rs.getString(4);  
 }  
 *if*(i==0)  
 JOptionPane.*showMessageDialog*(*null*,"Id not found");  
 *new* Search\_Employee();  
 }*catch*(Exception ex){}  
 f.setVisible(*true*);  
 f.setSize(900,500);  
 f.setLocation(400,100);  
 }  
  
 *public void* actionPerformed(ActionEvent ae){  
 *if*(ae.getSource()==b && i==1){  
 *try*{  
 conn con = *new* conn();  
 String str = "update employee set name='"+t1.getText()+"',fname='"+t2.getText()+"',age='"+age+"',dob='"+dat+"',address='"+t3.getText()+"',phone='"+t4.getText()+"',email='"+t5.getText()+"',education='"+t6.getText()+"',post='"+t7.getText()+"',aadhar='"+t8.getText()+"',emp\_id='"+t9.getText()+"' where emp\_id='"+id\_emp+"'";  
 con.s.executeUpdate(str);  
 JOptionPane.*showMessageDialog*(*null*,"successfully updated");  
 f.setVisible(*false*);  
 *new* Search\_Employee();  
 }*catch*(Exception e){  
 System.***out***.println("The error is:"+e);  
 }  
 }  
 *if*(ae.getSource()==b1){  
 f.setVisible(*false*);  
 details d=*new* details();  
 }  
 }  
  
 *public static void* main(String[] arg){  
 *new* Update\_Employee("Update Employee");}}

OUTPUT STEP BY STEP :

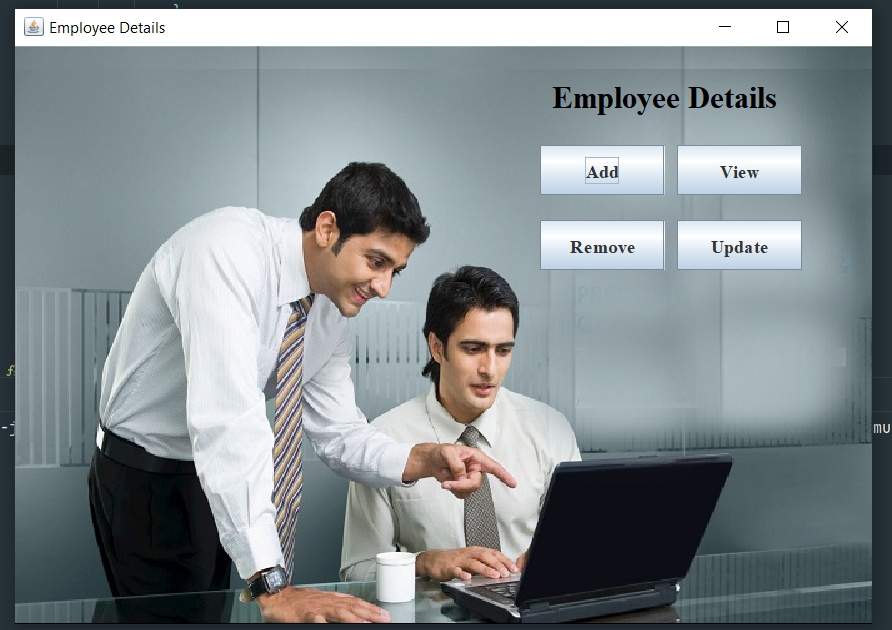
FRONT PAGE :



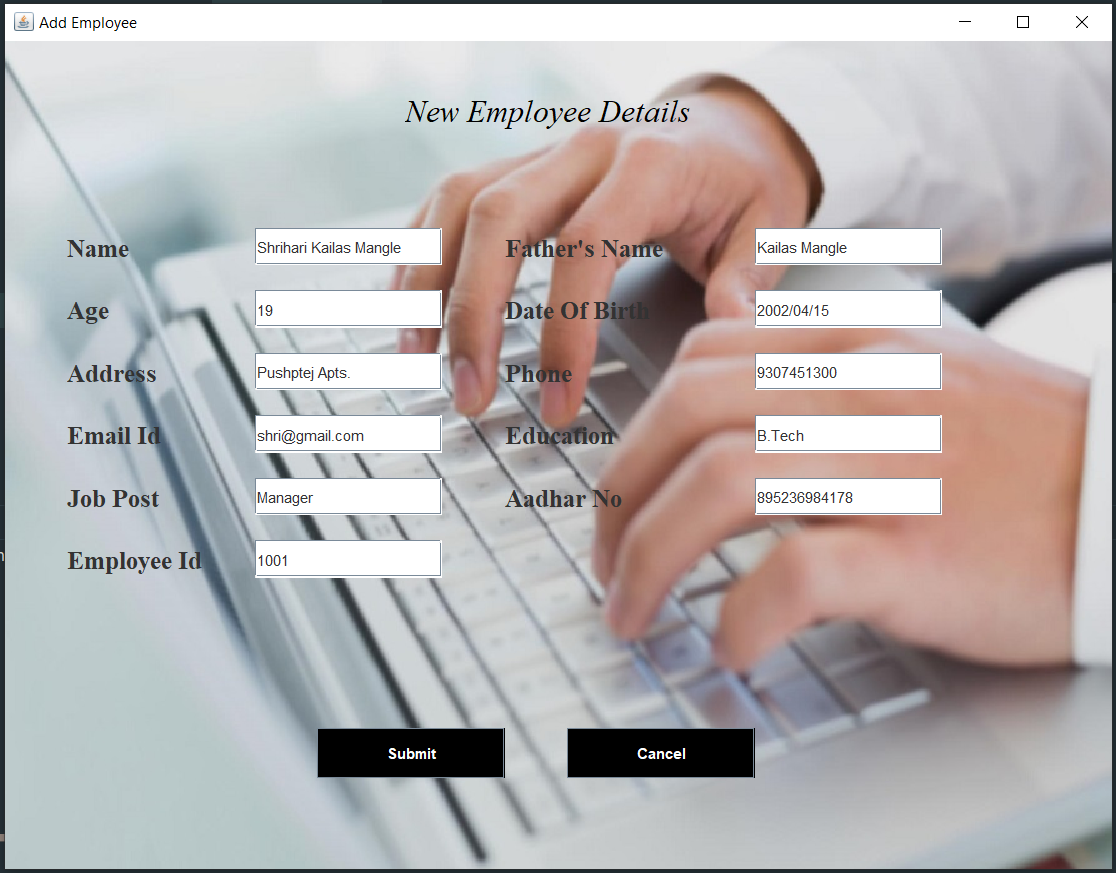
LOGIN PAGE :



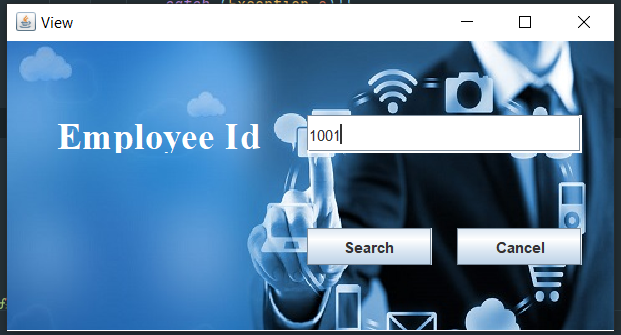
DETAILS PAGE :



ADDING EMPLOYEE :



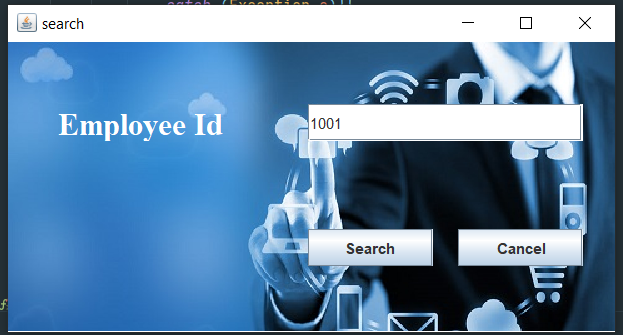
VIEW EMPLOYEE :

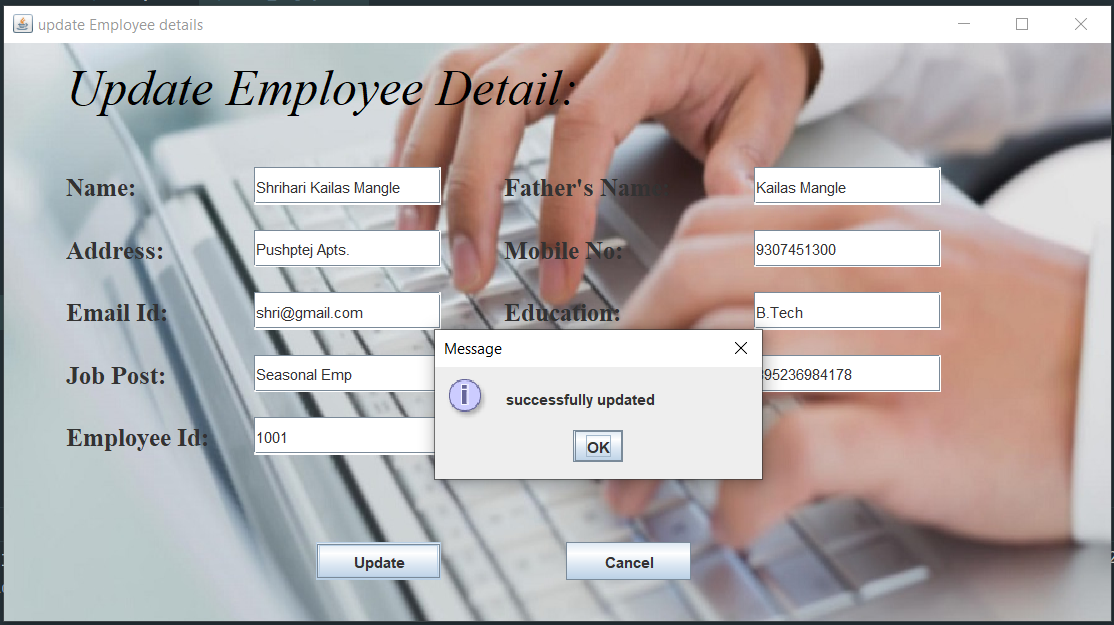


PRINTING DETAILS :

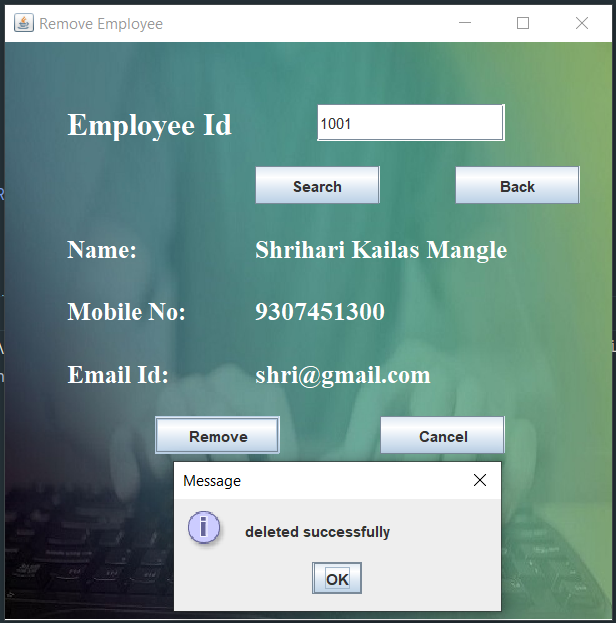


UPDATE INFO :





REMOVING EMPLOYEE :



CONCLUSION :

From the front page the execution starts after which we have to login into the system with correct username and password otherwise it displays error message.Then the details page opens where we have all options to work on application. If we want to add then we have to click add button and by filling details we have to submit. If want to view the same then click the view button and by passing employee ID we can view it.Similarly, to update and remove the records we have to click the respective buttons from the details page and by providing specific employee ID the entry will be deleted and updated. In this way the whole code runs smoothly and efficiently.