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Vineet Kumar

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1. INTRODUCTION

The title of the project is “School Management system”. This project will handle some features (staff, student and fees module) the activities of the school. SMS has most of the facilities that a modern school requires to computerize its day-to-day jobs. It provides facilities to keep the records of student, fees, teaching and non-teaching staff with all their required details along with all required transaction handling. It has facilities to generate various types of reports, which are required by the management during normal business operations to operate the business effectively.

2. AIM & OBJECTIVES

This project is based on the RDBMS technology; the main objective of this project is to computerize the manual system & reduce the time consumption. In other words, we can say that our project has the following objectives: -

Point: -

- Make all the system computerize
- Reduce time consumption
- Reduce error scope
- All system managements are automated
- Centralized database management
- Easy operations for operator of the system
- No paper work requirement

3.PROJECT CATEGORY

This project as title “School Management System” is comes under the Relational Database Management System (RDBMS).

This application is developed with the help of Apache NetBeans, jdk 8 and Wampserver. This application is a desktop application run by only an administrator or user. It a specific purpose using software which is on School Management.

4. TOOLS AND PLATFORM

Software Tools: -

Apache NetBeans IDE 12.2
64-bit Operating System-Window 10
Database -MY SQL v 5.7.26 (WAMP sever 3.1.9)
Development End: - JAVA Using NetBeans IDE 8.2

Hardware Tools: -

Processor: - Intell CoreI i3-1005G1 CPU @ 1.20GHz 1.19 GHz
Memory: - 8.00 GB RAM

5. SYSTEM ANALYSIS

Systems analysis is a problem-solving technique that decomposes a system into its component pieces for the purpose of the studying how well those component parts work and interact to accomplish their purpose". According to the Merriam-Webster dictionary, systems analysis is "the process of studying a procedure or business in order to identify its goals and purposes and create systems and procedures that will achieve them in an efficient way". Analysis and synthesis, as scientific methods, always go hand in hand; they complement one another. Every synthesis is built upon the results of a preceding analysis, and every analysis requires a subsequent synthesis in order to verify and correct its results.

In a broad sense, a general methodology (not a fixed set of techniques) that applies a 'systems' or 'holistic' perspective by taking all aspects of the situation into account, and by concentrating on the interactions between its different elements. It provides a framework in which judgments of the experts in different fields can be combined to determine what must be done, and what is the best way to accomplish it in light of current and future needs. Although closely associated with data or information processing, the practice of SA has been in existence since long before computers were invented.

In a narrow sense, analysis of the current and future roles of proposed computer system in an organization, the system analyst (usually a software engineer or programmer) examines the flow of documents, information, and material to design a system that best meets the cost, performance, and scheduling objectives.

6. SCHEDULING

Pert chart

Pert Chart (program evaluation and review technique), is the scheduling project that can be applied to software development. This technique is used to allow software planner to determine the critical path the chain of tasks that determines the duration of the project.

Project Phases	Days	Activity
Feasibility Study	2	A
System Analysis	4	B
System Design	5	C
Database Design	5	D
Coding & Design	20	E
System Integration	2	F
System Testing	5	G
System Implementation	2	H
User Training	2	I
Post-Implementation Review	3	J
Total Days	**50**	

Gantt chart:

PHASE	TIME REQUIRED (IN WEEKS)					
	WK1	WK2	WK3	WK4	WK5	WK6
REQUIREMENT GATHERING						
REQUIREMENT ANALYSIS						
DESIGN						
CODING						
TESTING						
IMPLEMENTA- TION						

7. SYSTEM REQUIREMENT SPECIFICATION

Hardware Requirements-

Processor: Intell Corel i3-1005G1 CPU @ 1.20GHz 1.19 GHz
HDD: 20GB or higher

Software Requirements-

Operating System: Windows

Database: MySQL (Wamp server)

8. DATA FLOW DIAGRAM (DFD)

CONTEXT LEVEL DFD (0 Level DFD)

1 Level DFD

Admin
staff info
staff info
P.1
STAFF
staff info
STAFF
staff info
student info
student info
P.2
STUDENT
student info
STUDENT
student info
fees info
fees info
P.3
STUDENT FEES
fees info
STUDENT FEES
fees info

2.1 Staff Module

2.2 Student Module

2.3 Fees Module

9. ENTITY RELATIONSHIP DIAGRAM (ERD)

10. SYSTEM DESIGN

Systems design is the process of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. Systems design could be seen as the application of systems theory to product development. There is some overlap with the disciplines of systems analysis, systems architecture and systems engineering.

The result of the software requirements analysis (SRA) usually is a specification. The design helps us turning this specification into a working system. As we have seen there are different kinds of software designs, the IEEE Std 610.12-1990 Standard Glossary of Software Engineering Terminology defines the following distinctions:

- **Architectural Design:** the process of defining a collection of hardware and software components and their interfaces to establish the framework for the development of a computer system.
- **Detailed Design**: the process of refining and expanding the preliminary design of a system or component to the extent that the design is sufficiently complete to begin implementation.
- **Functional Design**: the process of defining the working relationships among the components of a system.
- **Preliminary Design:** the process of analyzing design alternatives and defining the architecture, components, interfaces, and timing/sizing estimates for a system or components.

11. DATA MODELLING

Database Name: - navyug_database

Table 1: Staff_table

Sr.no.	Field name	Data type	Constraints	Size	Description
1.	Staff_id	integer	Primary key	10	Staff Id
2.	First_name	Varchar	Not null	30	First Name
3.	Last_name	varchar	Not null	20	Last name
4.	Dob1	date	Not null	-	Joining date
5.	Phone_no	integer	Not null	13	Phone number
6.	Father_name	Varchar	Not null	50	Father Name
7.	gender	varchar	Not null	7	Gender
8.	Email_id	varhcar	Not null	50	Email id
9.	qualification	varchar	Not null	15	Qualification
10.	designation	Varchar	Not null	40	Designation
11.	Salary	Integer	Not null	8	Salary
12.	Joining _date	date	Not null	-	Joining date
13.	address	Text	Not null	-	Address
14.	Status	Varchar	Not null	-	Status

Table 2: Students_table

Sr.no.	Field name	Data type	Constraints	Size	Description
1.	19dmission_no	integer	Primary key	10	Student admission no
2.	First_name	Varchar	Not null	30	First Name
3.	Last_name	varchar	Not null	20	Last name
4.	Roll_no	integer	Not null	3	Roll no
5.	Class2	Varchar	Not null	8	Class
6.	Father_name	Varchar	Not null	50	Father Name
7.	Father_no	Integer	Not null	13	Father phone no
8.	Father_occupation	varhcar	Not null	30	Father Occupation
9.	Mother_name	Varchar	Not null	50	Mother Name
10.	Mother_no	Integer	Not null	13	Mother phone no
11.	Mother_occupation	varhcar	Not null	30	Mother Occupation
12.	Gender	Varchar	Not null	8	Gender
13.	Address	Text	Not null	-	Address
14.	Caste	Varchar	Nott null	7	Caste
15.	Dob	Date	Not null	-	Date of Birth
16.	Admission-date	Date	Not null	-	Admission date
17.	Fees	Integer	Not null	8	Admission fees
18.	Status	Varchar	Not null	-	Status

Table 3: Fees (jan2021)

fees table will automatically change by current month (jan2021, feb2021)

Sr.no.	Field name	Data type	Constraints	Size	Description
1.	S_no	integer	Not null	10	Student no
2.	Name	Varchar	Not null	50	Full name
3.	Roll_no	integer	Not null	3	Roll no
4.	Class2	Varchar	Not null	8	Class
5.	Father_name	Varchar	Not null	50	Father Name
6.	Admission_no	Integer	Primary Key	10	Admission no
7.	Date2	Date	Not null	-	Fees submit date
8.	Tuition_fee	Integer	Nott null	8	Tuition fee
9.	Late_fee	Integer	Not null	8	Late fee
10.	Annual_fee	Integer	Not null	8	Annual fee
11.	Other_fee	Integer	Not null	8	Another fee
12.	Status	Varchar	Not null	**-**	Status
13.	Total	Integer	Not null	8	Total fee

Table 4: Admin

Sr.no.	Field name	Data type	Constraints	Size	Description
1.	id	Integer	Not null	10	Admin Id
2.	password	Varchar	Not null	30	Admin password

12. INPUT OF THE SYSTEM

- Admin
- Login
- Add Staff
- Update and Delete Staff
- View Staff Table
- View Single Staff Information
- Print All Staff Details
- Print Single Staff Details
- Add Student
- Update and Delete Student
- View All Students Table
- View Single Student Details
- Print All Students Details
- Print Single Student Details
- Submit Student Fee
- View Paid Student Details
- View Unpaid Student Details
- View Month wise Student Details
- Print Paid Student List
- Print Unpaid Student List
- Logout
- Help – Contact

13. MODULE DESCRIPTION

This project includes the following modules for development of the project. These are as follows: -

1. LOGIN FORM

This form shows the Login name and password when user enter a valid admin name and password then he/she can operate the application.

2. MAIN FORM

This form is a menu-based form that displays the menu for operation of the application. It includes various options for staff, student, fees and report related option.

3. ADMISSION FORM

This is most effective features of student management system as it makes the admission process easy, faster and paperless. Enrolling through entering details in a user interface admission form has made the entire process easier and provides clear visibility on student's details which can be securely stored for future endeavors.

4. STUDENT FORM

This is a customized module where student's details are maintained and stored for future. The information can be used when required by the administration.
This form provides the option to add, modify, delete or find the information of a student who seeks the admission in the school. And Print the details.

5. STAFF FORM

Details of staff and non-teaching staff is maintained. One can maintain details such as name, phone number and subject details.
This form provides the option to add, update, search and delete the information of staff (either teaching or non-teaching) that is working in the school. And print the details.

6. FEE FORM

This module is the important module as one can easily make payment. Through this can easily feed the fees details, after the payment a receipt is generated giving full details. Schools get a comprehensive report that is class wise and students wise pending details. Having computerized payment has saved the time, paper and manages the account more efficiently. This form provides the option to the user of the system to add, delete, modify and search the information of the fee deposited by the student. And print the details as per the need.

14. USER INTERFACE DESIGN

Login Page

Staff Panel: -

Add New Staff

Staff Update and Status

Staff Records

Single Staff Record

Print Record

All Active Staff

All Staff Details

Student Panel: -

Add New Student

Update Student Detail

Student Records

Single Student Record

Print Record

All Active Student

All Student Detail

Fees Panel

Submit Fees

Fees Record

Current Month Single Student Detail (and print also)

Current Month All Paid Student Detail (and print also)

Current Month Unpaid Student Detail (and print also)

15. VALIDATION

User ID, Password Validation

Email ID Validation (abc@gmail.com)

Phone no. must be in 6 to 10 digits

Date of birth must not be in future date

Any field cannot be empty

Roll no. can only be 1 to 3 digits

16. SOURCE CODE

.java files	Page no.
1. Login.java	37-42
2. AdminFrame.java	43-178
3. PaidTable.java	179-188
4. PrintPaid.java	189-200
5. PrintStaff.java	201-211
6. PrintStaffTable.java	212-219
7. PrintStudent.java	220-231
8. PrintStudentTable.java	232-239
9. ShowTable.java	240-47
10. StaffTable.java	248-255
11. StudentTable.java	256-264
12. UnpaidTable.java	265-272

.dll files
1. admissionid.dll 2. fees.dll 3. pass.dll 4. uniqueid.dll 5. user.dll 6. pass.dll

Login.java

```
package schoolmanagementsystem;

import java.awt.Color;

import java.io.FileReader;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import  java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import static schoolmanagementsystem.StaffTable.row;

public class Login extends javax.swing.JFrame {

String username;String password;
String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
Connection connection;Statement statement;ResultSet resultSet;int xx = 0;
int yy = 0;String s1, s2;public Login() {try {FileReader file = new
FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}initComponents();setLocationRelativeTo(nul
l);}private void initComponents() { jPanel2 = new javax.swing.JPanel();
jPanel1 = new javax.swing.JPanel(); mini = new javax.swing.JLabel();
x = new javax.swing.JLabel(); jLabel69 = new javax.swing.JLabel();
id = new javax.swing.JTextField(); pass = new javax.swing.JPasswordField();
jLabel1 = new javax.swing.JLabel(); jLabel2 = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton(); jLabel3 = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setLocation(new java.awt.Point(0, 0));
setUndecorated(true);jPanel2.setBackground(new java.awt.Color(255, 204,
204));jPanel1.setBackground(new java.awt.Color(255, 153, 153));
jPanel1.addMouseMotionListener(new java.awt.event.MouseMotionAdapter()
{public void mouseDragged(java.awt.event.MouseEvent evt)
{jPanel1MouseDragged(evt);}});
jPanel1.addMouseListener(new java.awt.event.MouseAdapter() {public void
mousePressed(java.awt.event.MouseEvent evt)
{jPanel1MousePressed(evt);}});mini.setFont(new java.awt.Font("Wide Latin",
1, 18)); mini.setText(" -");mini.addMouseListener(new
java.awt.event.MouseAdapter() {public void
mouseClicked(java.awt.event.MouseEvent evt)
{miniMouseClicked(evt);}});x.setFont(new java.awt.Font("Tahoma", 1, 18));
x.setText(" X"); x.addMouseListener(new java.awt.event.MouseAdapter()
{public void mouseClicked(java.awt.event.MouseEvent evt)
{xMouseClicked(evt); }public void mouseEntered(java.awt.event.MouseEvent
evt) {xMouseEntered(evt); }public void
mouseExited(java.awt.event.MouseEvent evt) {xMouseExited(evt);
}});jLabel69.setFont(new java.awt.Font("Cambria", 1, 14));
jLabel69.setForeground(new java.awt.Color(0, 51, 51));
jLabel69.setText("Happy Public Sec School");javax.swing.GroupLayout
jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout)
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 275,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
108, Short.MAX_VALUE)
.addComponent(mini, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(x, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(8, 8, 8))); jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(x)
.addComponent(mini)
.addComponent(jLabel69))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));id.setFont(new java.awt.Font("Cambria", 0, 14));
id.addActionListener(new java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt) {idActionPerformed(evt);
}});pass.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
jLabel1.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel1.setText("Admin ID :");jLabel2.setFont(new java.awt.Font("Cambria
Math", 1, 14)); jLabel2.setText("Password :");jButton1.setBackground(new
java.awt.Color(255, 102, 102));jButton1.setFont(new
java.awt.Font("Cambria", 1, 18));jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/login.png")));jButton1.setText("Login");jButton1.addActionListener(ne
w java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt)
{jButton1ActionPerformed(evt); }});jLabel3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png"))); javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(jPanel2Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(57, 57, 57)
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(74, 74, 74)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(id, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(pass, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel1)
.addComponent(jLabel2))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)                    .addGap(22,
22, 22)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 22,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(1, 1, 1)
.addComponent(id, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(pass, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 164,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(0, 27, Short.MAX_VALUE)));
javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);
layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.GroupLay
out.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE));layout.setVerticalGroup(layout.createParallelGroup(java
x.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));pack();}
private void jPanel1MouseDragged(java.awt.event.MouseEvent evt) {
int x = evt.getXOnScreen();int y = evt.getYOnScreen();
this.setLocation(x - xx, y - yy); }private void
jPanel1MousePressed(java.awt.event.MouseEvent evt) {xx = evt.getX(); yy =
evt.getY();}private void miniMouseClicked(java.awt.event.MouseEvent evt) {

setState(ICONIFIED); }private void
xMouseClicked(java.awt.event.MouseEvent evt) {
System.exit(0); }private void xMouseEntered(java.awt.event.MouseEvent evt)
{x.setForeground(Color.red); } private void
xMouseExited(java.awt.event.MouseEvent evt) {x.setForeground(Color.black);
}private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
String sql = "SELECT * FROM admin"; s1 = ""; s2 = "";int flag = 0;
s1 = id.getText().trim();char c[] = pass.getPassword();s2 = String.valueOf(c);if
(s1.isEmpty() || s2.isEmpty()) {JOptionPane.showMessageDialog(this,
"Textfield is empty", "Error", JOptionPane.ERROR_MESSAGE); } else {try
{Class.forName("com.mysql.cj.jdbc.Driver");
```

```
connection = DriverManager.getConnection(url, username,
password);statement = connection.createStatement();resultSet =
statement.executeQuery(sql);while (resultSet.next()) { if
(s1.equals(resultSet.getString(1)) && s2.equals(resultSet.getString(2))) { flag
= 1; break; }}connection.close();} catch (SQLException |
ClassNotFoundException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE); }if (flag == 1) { AdminFrame af = new
AdminFrame(); af.setVisible(true);dispose();} else
{JOptionPane.showMessageDialog(this, "Incorrect Id or password", "Error",
JOptionPane.ERROR_MESSAGE);}}}private void
idActionPerformed(java.awt.event.ActionEvent evt) {                    } public
static void main(String args[]) {try {for
(javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex); } catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex); } catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex); } catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);}java.awt.EventQueue.invokeLater(new Runnable()
{public void run() {new Login().setVisible(true);}});}
private javax.swing.JTextField id; private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1; private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3; private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1; private javax.swing.JPanel jPanel2;
private javax.swing.JLabel mini;  private javax.swing.JPasswordField pass;
private javax.swing.JLabel x;

}
```

AdminFrame.java

```
package schoolmanagementsystem;
import com.toedter.calendar.JDateChooser;
import java.awt.Color;
import java.awt.HeadlessException;
import java.awt.event.ItemEvent;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Calendar;
import java.util.Date;
import java.util.regex.Matcher;
import java.util.regex.Pattern;
import javax.swing.ImageIcon;
import javax.swing.InputVerifier;
import javax.swing.JComponent;
import javax.swing.JLabel;
```

```
import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.UIManager;

public class AdminFrame extends javax.swing.JFrame {

private String s1, s2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13;

private String us1, us2, us3, us4, us5, us6, us7, us8, us9, us10, us11, us12,
us13, us14;

private String f1, f2, f3, f4, f5, f6, f7, f8, f9, f10, f11, f12, f13, f14, f15, f16, f17,
f18, f19;

private String uf1, uf2, uf3, uf4, uf5, uf6, uf7, uf8, uf9, uf10, uf11, uf12, uf13,
uf14, uf15, uf16, uf17, uf18, uf19;

private String fees1, fees2, fees3, fees4, fees5, fees6, fees7, fees8, fees9, fees10,
fees11, fees12, fees13;

private String ff13 = "", ff5 = "", ff8 = "", ff11 = "", ff14 = "";

private String uff13 = "", uff5 = "", uff8 = "", uff11 = "", uff14 = "", uff18;

private String ss7 = "", ss9 = "", ss10 = "";

private String uss7 = "", uss9 = "", uss10 = "", uss11 = "";

Pattern letterPattern = Pattern.compile("^[\\p{L} .'-]+$");

private static final String EMAIL_PATTERN = "^[_A-Za-z0-9-\\+]+(\\.[_A-Za-
z0-9-]+)*@" + "[A-Za-z0-9-]+(\\.[A-Za-z0-9]+)*(\\.[A-Za-z]{2,})$";

private Pattern pattern; private Matcher matcher;

private Pattern patternPhone; private Matcher matcherPhone;

private Pattern patternSalary; private Matcher matcherSalary;

private Pattern patternId; private Matcher matcherId;

private String username = "";private String password = "";

private Connection conn; private Statement stm2; private ResultSet rs2;

PreparedStatement preparedStmt; Connection conpaid;
```

```
private PreparedStatement stm;
String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
String id = "";String in; String sin; String fin; int nid = 0; String aid = "";
int anid = 0; String fid = ""; int fnid = 0;
   ///**********Students**********////
private Pattern patternAdmissionId; private Matcher matcherAdmissionId;
private Pattern patternRollNo; private Matcher matcherRollNo;
private Pattern patternFees; private Matcher matcherFees;
int xx = 0; int yy = 0;
   ////**********Fees*****///
private Pattern patternFee1; private Matcher matcherFee1;
private Pattern patternFee2; private Matcher matcherFee2;
private Pattern patternFee3; private Matcher matcherFee3;
private Pattern patternFee4; private Matcher matcherFee4;
private Pattern patternFee5; private Matcher matcherFee5;
private Pattern patternFee6; private Matcher matcherFee6;
private Pattern patternFee7; private Matcher matcherFee7;
String monthName[] = {"jan", "feb", "mar", "apr", "may", "jun", "jul", "aug",
"sep", "oct", "nov", "dec"};
String month = "";String year = "";String monthYear = ""; String newMonths1;
String newYears2;
 public AdminFrame() {Calendar cal = Calendar.getInstance();
month = monthName[cal.get(Calendar.MONTH)];
int intYear = cal.get(Calendar.YEAR); year = String.valueOf(intYear);
monthYear = month + year; pattern = Pattern.compile(EMAIL_PATTERN);
```

```
patternPhone = Pattern.compile("[0-9]{6,10}");
patternSalary = Pattern.compile("[0-9]{4,8}");
patternId = Pattern.compile("[0-9]{4,10}");
///**********Students**********////
patternAdmissionId = Pattern.compile("[0-9]{4,10}");
patternRollNo = Pattern.compile("[0-9]{1,3}");
patternFees = Pattern.compile("[0-9]{2,6}");
////********fees*****//////
patternFee1 = Pattern.compile("[0-9]{1,10}");
patternFee2 = Pattern.compile("[0-9]{1,8}");
patternFee3 = Pattern.compile("[0-9]{1,8}");
patternFee4 = Pattern.compile("[0-9]{1,8}");
patternFee5 = Pattern.compile("[0-9]{1,8}");
patternFee6 = Pattern.compile("[0-9]{1,8}");
patternFee7 = Pattern.compile("[0-9]{1,8}"); try {
Class.forName("com.mysql.cj.jdbc.Driver");}
catch (ClassNotFoundException e) { JOptionPane.showMessageDialog(this, e,
"Error", JOptionPane.ERROR_MESSAGE); }try {
FileReader file = new FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data); username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24]; int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2); file4.close();
FileReader file5 = new FileReader("uniqueId.dll");
char data5[] = new char[10]; int charsread5 = file5.read(data5);
String num = new String(data5, 0, charsread5); file5.close();
```

```
nid = 1 + Integer.parseInt(num); id = String.valueOf(nid);
FileReader file6 = new FileReader("admissionid.dll");
char data6[] = new char[10]; int charsread6 = file6.read(data6);
String num2 = new String(data6, 0, charsread6); file6.close();
anid = 1 + Integer.parseInt(num2);  aid = String.valueOf(anid);
FileReader file7 = new FileReader("fees.dll"); char data7[] = new char[10];
int charsread7 = file7.read(data7);
String num7 = new String(data7, 0, charsread7); file7.close();
fnid = 1 + Integer.parseInt(num7); fid = String.valueOf(fnid);
 } catch (IOException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE); }
initComponents(); idText.setText(id); sNText.setText(fid);
admissionText.setText(aid); setLocationRelativeTo(null);
buttonGroup1 = new javax.swing.ButtonGroup();
buttonGroup1.add(male); buttonGroup1.add(female);
buttonGroup2 = new javax.swing.ButtonGroup();buttonGroup2.add(male1);
buttonGroup2.add(female1); buttonGroup3=new javax.swing.ButtonGroup();
buttonGroup3.add(sMale); buttonGroup3.add(sFemale);
buttonGroup4 = new javax.swing.ButtonGroup();buttonGroup4.add(sMale1);
buttonGroup4.add(sFemale1); }private void initComponents() {
jPanel1 = new javax.swing.JPanel();
jTabbedPane2 = new javax.swing.JTabbedPane();
jTabbedPane1 = new javax.swing.JTabbedPane();
jPanel3 = new javax.swing.JPanel();jLabel1 = new javax.swing.JLabel();
```

```
idText = new javax.swing.JTextField();jLabel2 = new javax.swing.JLabel();
fNameText = new javax.swing.JTextField();
lNameText = new javax.swing.JTextField();jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();fatherText = new javax.swing.JTextField();
jLabel5 = new javax.swing.JLabel();male = new javax.swing.JRadioButton();
female = new javax.swing.JRadioButton();jLabel6 = new javax.swing.JLabel();
phoneText = new javax.swing.JTextField();jLabel7 = new javax.swing.JLabel();
emailText = new javax.swing.JTextField();jLabel8 = new javax.swing.JLabel();
qualification = new javax.swing.JComboBox<>();jLabel9 = new
javax.swing.JLabel();designation = new javax.swing.JComboBox<>();
jLabel10 = new javax.swing.JLabel();
salaryText = new javax.swing.JTextField();
jLabel11 = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
addressText = new javax.swing.JTextArea();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel(); jLabel14 = new javax.swing.JLabel();
dobText = new com.toedter.calendar.JDateChooser();
joiningText = new com.toedter.calendar.JDateChooser();
jPanel5 = new javax.swing.JPanel();jLabel15 = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();idText1 = new javax.swing.JTextField();
jLabel17 = new javax.swing.JLabel();
fNameText1 = new javax.swing.JTextField();
dobText1 = new com.toedter.calendar.JDateChooser();
```

```
jLabel18 = new javax.swing.JLabel();
lNameText1 = new javax.swing.JTextField();
phoneText1 = new javax.swing.JTextField();
fatherText1 = new javax.swing.JTextField();
jLabel19 = new javax.swing.JLabel();
jLabel20 = new javax.swing.JLabel();male1 = new javax.swing.JRadioButton();
female1 = new javax.swing.JRadioButton();
jLabel21 = new javax.swing.JLabel();
emailText1 = new javax.swing.JTextField();
jLabel22 = new javax.swing.JLabel();
qualification1 = new javax.swing.JComboBox<>();
jLabel23 = new javax.swing.JLabel();
designation1 = new javax.swing.JComboBox<>();
jLabel24 = new javax.swing.JLabel();
salaryText1 = new javax.swing.JTextField();
jLabel25 = new javax.swing.JLabel();
joiningText1 = new com.toedter.calendar.JDateChooser();
jScrollPane2 = new javax.swing.JScrollPane();
addressText1 = new javax.swing.JTextArea();
jLabel26 = new javax.swing.JLabel();jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();jLabel27 = new javax.swing.JLabel();
jLabel28 = new javax.swing.JLabel();jLabel29 = new javax.swing.JLabel();
status = new javax.swing.JComboBox<>();
jButton5 = new javax.swing.JButton();jPanel2 = new javax.swing.JPanel();
jPanel8 = new javax.swing.JPanel(); jButton11 = new javax.swing.JButton();
```

```
jLabel73 = new javax.swing.JLabel(); jPanel9 = new javax.swing.JPanel();
jButton12 = new javax.swing.JButton();jLabel72 = new javax.swing.JLabel();
jPanel14 = new javax.swing.JPanel();jButton17 = new javax.swing.JButton();
jLabel71 = new javax.swing.JLabel();
jTabbedPane3 = new javax.swing.JTabbedPane();
jPanel4 = new javax.swing.JPanel();jLabel30 = new javax.swing.JLabel();
jLabel31 = new javax.swing.JLabel();
admissionText = new javax.swing.JTextField();
jLabel32 = new javax.swing.JLabel();
sFirstNameText = new javax.swing.JTextField();
jLabel33 = new javax.swing.JLabel();rollText = new javax.swing.JTextField();
jLabel34 = new javax.swing.JLabel();
sLastNameText = new javax.swing.JTextField();
jLabel35 = new javax.swing.JLabel();
class2 = new javax.swing.JComboBox<>();
jLabel36 = new javax.swing.JLabel();
sFatherText = new javax.swing.JTextField();
sFatherContact = new javax.swing.JTextField();
jLabel37 = new javax.swing.JLabel();jLabel38 = new javax.swing.JLabel();
fatherOccupation = new javax.swing.JComboBox<>();
jLabel39 = new javax.swing.JLabel();jLabel40 = new javax.swing.JLabel();
sMotherContactText = new javax.swing.JTextField();
sMotherText = new javax.swing.JTextField();
jLabel41 = new javax.swing.JLabel();
motherOccupation = new javax.swing.JComboBox<>();
```

```
jLabel42 = new javax.swing.JLabel();sMale = new javax.swing.JRadioButton();
sFemale = new javax.swing.JRadioButton();
jLabel43 = new javax.swing.JLabel();caste = new javax.swing.JComboBox<>();
jLabel44 = new javax.swing.JLabel();
jScrollPane3 = new javax.swing.JScrollPane();
sAddressText = new javax.swing.JTextArea();
jLabel45 = new javax.swing.JLabel();
sdob = new com.toedter.calendar.JDateChooser();
jLabel46 = new javax.swing.JLabel();
admissionDate = new com.toedter.calendar.JDateChooser();
jLabel47 = new javax.swing.JLabel();feesText = new javax.swing.JTextField();
jButton6 = new javax.swing.JButton();jButton7 = new javax.swing.JButton();
jPanel6 = new javax.swing.JPanel();
admissionText1 = new javax.swing.JTextField();
jLabel48 = new javax.swing.JLabel();jLabel49 = new javax.swing.JLabel();
jLabel50 = new javax.swing.JLabel();
sFirstNameText1 = new javax.swing.JTextField();
sLastNameText1 = new javax.swing.JTextField();
jLabel51 = new javax.swing.JLabel();jLabel52 = new javax.swing.JLabel();
jLabel53 = new javax.swing.JLabel();
class3 = new javax.swing.JComboBox<>();
rollText1 = new javax.swing.JTextField();jLabel54 = new javax.swing.JLabel();
sFatherText1 = new javax.swing.JTextField();
jLabel55 = new javax.swing.JLabel();
sFatherContact1 = new javax.swing.JTextField();
```

```
jLabel56 = new javax.swing.JLabel();
fatherOccupation1 = new javax.swing.JComboBox<>();
jLabel57 = new javax.swing.JLabel();
sMotherText1 = new javax.swing.JTextField();
jLabel58 = new javax.swing.JLabel();
sMotherContactText1 = new javax.swing.JTextField();
jLabel59 = new javax.swing.JLabel();
motherOccupation1 = new javax.swing.JComboBox<>();
jLabel60 = new javax.swing.JLabel(); jLabel61 = new javax.swing.JLabel();
sMale1 = new javax.swing.JRadioButton();
sFemale1 = new javax.swing.JRadioButton();
jLabel62 = new javax.swing.JLabel();
caste1 = new javax.swing.JComboBox<>();
jScrollPane4 = new javax.swing.JScrollPane();
sAddressText1 = new javax.swing.JTextArea();
jLabel63 = new javax.swing.JLabel();
sdob1 = new com.toedter.calendar.JDateChooser();
admissionDate1 = new com.toedter.calendar.JDateChooser();
jLabel64 = new javax.swing.JLabel();
jLabel65 = new javax.swing.JLabel();
feesText1 = new javax.swing.JTextField();
jButton8 = new javax.swing.JButton();jButton9 = new javax.swing.JButton();
jLabel67 = new javax.swing.JLabel();
studentStatus = new javax.swing.JComboBox<>();
jButton10 = new javax.swing.JButton();jPanel7 = new javax.swing.JPanel();
```

```
jPanel10 = new javax.swing.JPanel();jButton13 = new javax.swing.JButton();
jLabel66 = new javax.swing.JLabel();jPanel11 = new javax.swing.JPanel();
jButton14 = new javax.swing.JButton();jLabel68 = new javax.swing.JLabel();
jPanel13 = new javax.swing.JPanel();jButton16 = new javax.swing.JButton();
jLabel70 = new javax.swing.JLabel();
jTabbedPane4 = new javax.swing.JTabbedPane();
jPanel16 = new javax.swing.JPanel();jPanel17 = new javax.swing.JPanel();
jLabel74 = new javax.swing.JLabel();sNText = new javax.swing.JTextField();
jLabel75 = new javax.swing.JLabel();
feeDate = new com.toedter.calendar.JDateChooser();
feeStudent = new javax.swing.JTextField();
jLabel76 = new javax.swing.JLabel();jLabel77 = new javax.swing.JLabel();
feeFather = new javax.swing.JTextField();
feeClass = new javax.swing.JTextField();jLabel78 = new javax.swing.JLabel();
feeAdmission = new javax.swing.JTextField();
jLabel79 = new javax.swing.JLabel();jLabel86 = new javax.swing.JLabel();
feeRoll = new javax.swing.JTextField();
jSeparator1 = new javax.swing.JSeparator();
jLabel87 = new javax.swing.JLabel();
tuitionFee = new javax.swing.JTextField();
jLabel88 = new javax.swing.JLabel();
annualFee = new javax.swing.JTextField();
jLabel89 = new javax.swing.JLabel();
admissionFee = new javax.swing.JTextField();
jLabel90 = new javax.swing.JLabel();
```

```
lateFee = new javax.swing.JTextField();jLabel91 = new javax.swing.JLabel();
otherFee = new javax.swing.JTextField();jLabel92 = new javax.swing.JLabel();
totalFee = new javax.swing.JTextField();
jButton15 = new javax.swing.JButton();
btnSubmit = new javax.swing.JButton();
jButton19 = new javax.swing.JButton();jLabel96 = new javax.swing.JLabel();
jPanel18 = new javax.swing.JPanel();jPanel19 = new javax.swing.JPanel();
jButton18 = new javax.swing.JButton();jLabel80 = new javax.swing.JLabel();
jPanel20 = new javax.swing.JPanel();
jButton20 = new javax.swing.JButton();
jLabel81 = new javax.swing.JLabel();jPanel21 = new javax.swing.JPanel();
jButton21 = new javax.swing.JButton();jLabel82 = new javax.swing.JLabel();
jPanel23 = new javax.swing.JPanel();
newMonth = new javax.swing.JComboBox<>();
jLabel84 = new javax.swing.JLabel();jLabel85 = new javax.swing.JLabel();
newYear = new javax.swing.JComboBox<>();
jButton23 = new javax.swing.JButton();jLabel93 = new javax.swing.JLabel();
jTabbedPane6 = new javax.swing.JTabbedPane();
jPanel12 = new javax.swing.JPanel();jPanel15 = new javax.swing.JPanel();
Logout = new javax.swing.JButton();jPanel22 = new javax.swing.JPanel();
jLabel83 = new javax.swing.JLabel();jLabel95 = new javax.swing.JLabel();
jLabel97 = new javax.swing.JLabel();jLabel94 = new javax.swing.JLabel();
x = new javax.swing.JLabel();mini = new javax.swing.JLabel();
jLabel69 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setUndecorated(true);

jPanel1.setBackground(new java.awt.Color(255, 153, 153));

jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(102, 0, 0), 10));

jPanel1.addMouseMotionListener(new java.awt.event.MouseMotionAdapter()
{public void mouseDragged(java.awt.event.MouseEvent evt) {

jPanel1MouseDragged(evt);}});

jPanel1.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jPanel1MouseClicked(evt);}});

jTabbedPane2.setForeground(new java.awt.Color(255, 204, 204));

jTabbedPane2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jTabbedPane2.addMouseMotionListener(new
java.awt.event.MouseMotionAdapter() {

public void mouseDragged(java.awt.event.MouseEvent evt) {

jTabbedPane2MouseDragged(evt);}});

jTabbedPane2.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jTabbedPane2MouseClicked(evt);}});

jTabbedPane1.setForeground(new java.awt.Color(0, 153, 51));

jTabbedPane1.setTabPlacement(javax.swing.JTabbedPane.LEFT);

jTabbedPane1.setFont(new java.awt.Font("Arial", 1, 12)); // NOI18N

jPanel3.setBackground(new java.awt.Color(255, 204, 204));
```

```
jPanel3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));
jLabel1.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel1.setText("Staff Id :");
idText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
idText.setForeground(new java.awt.Color(255, 0, 102));
idText.setToolTipText("Only 4 to 10 digits");
idText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
idTextFocusLost(evt);}});
jLabel2.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel2.setText("First Name :");
fNameText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
fNameText.setForeground(new java.awt.Color(0, 51, 255));
fNameText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
fNameTextFocusLost(evt);}});
lNameText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
lNameText.setForeground(new java.awt.Color(0, 51, 255));
lNameText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
lNameTextFocusLost(evt);}});
jLabel3.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel3.setText("Last Name :");
jLabel4.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel4.setText("Father's Name/Husband's Name :");
fatherText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
fatherText.setForeground(new java.awt.Color(0, 51, 255));
fatherText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
fatherTextFocusLost(evt);}});
jLabel5.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel5.setText("Gender :");
male.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
male.setText("Male");
male.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
maleItemStateChanged(evt);}});
female.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
female.setText("Female");
female.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
femaleItemStateChanged(evt);}});
jLabel6.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel6.setText("Phone No :");
phoneText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
phoneText.setForeground(new java.awt.Color(0, 51, 255));
phoneText.setToolTipText("Only 6 to 10 digits");
phoneText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
```

```
phoneTextFocusLost(evt);}});
jLabel7.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel7.setText("E-mail ID :");
emailText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
emailText.setForeground(new java.awt.Color(0, 51, 255));
emailText.setToolTipText("abc@gmail.com");
emailText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
emailTextFocusLost(evt);}});
jLabel8.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel8.setText("Qualification :");
qualification.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
qualification.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","10th","12th","B Com","B Ed","B Pharma","B
Sc","BBA","BCA","BDS","BE / B Tech","CA / ICWA","CS /
ICSA","Diploma","Graduate","ITI","LLB","M Com","M Sc","MBA /
PGDBM","MBBS","MCA","ME / M Tech","MSW","Ph D","Post Graduate","Other"
}));qualification.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
qualificationItemStateChanged(evt);}});
jLabel9.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel9.setText("Designation :");
designation.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
designation.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "," Principal"," Vice – principal"," Senior Teacher"," Teacher"," 
Junior Teacher","  Computer Teacher","  Physical Education Teacher","  Art &
Craft"," Drawing Teacher"," Music Teacher"," Senior Administration
Executive","  Junior Accountant","  Office Assistant","  Data Entry Operator","
```

```
Receptionist"," Security Guard"," Peon"," Plumber"," Electrician "," Others"}));designation.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
designationItemStateChanged(evt);}});
jLabel10.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel10.setText("Salary :");
salaryText.setFont(new java.awt.Font("Cambria", 0, 14));
salaryText.setForeground(new java.awt.Color(0, 51, 255));
salaryText.setToolTipText("Only 4 to 8 digits");
salaryText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
salaryTextFocusLost(evt);}});
jLabel11.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel11.setText("Address :");addressText.setColumns(20);
addressText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
addressText.setForeground(new java.awt.Color(0, 51, 255));
addressText.setRows(5);
addressText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
addressTextFocusLost(evt);}});
jScrollPane1.setViewportView(addressText);
jButton1.setBackground(new java.awt.Color(255, 102, 102));
jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/icons/4.png"))); jButton1.setText("Save");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);}});
jButton2.setBackground(new java.awt.Color(255, 102, 102));
jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/2.png")));jButton2.setText("Reset");
jButton2.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);}});
jLabel12.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel12.setText("Joining Date :");
jLabel13.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel13.setText("D.O.B :");
jLabel14.setFont(new java.awt.Font("Cambria", 1, 18));
jLabel14.setForeground(new java.awt.Color(153, 0, 0));
jLabel14.setText("ADD NEW STAFF FORM");
dobText.setForeground(new java.awt.Color(0, 51, 255));
dobText.setDateFormatString("dd-MM-yyyy");
dobText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
dobText.setMaxSelectableDate(new java.util.Date(1640892688000L));
dobText.setMinSelectableDate(new java.util.Date(-62135785712000L));
joiningText.setForeground(new java.awt.Color(0, 51, 255));
joiningText.setDateFormatString("dd-MM-yyyy");
joiningText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
```

```
joiningText.setMaxSelectableDate(new java.util.Date(253370748669000L));

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

 .addGap(77, 77, 77)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup()

.addComponent(jLabel4)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)

.addComponent(fatherText, javax.swing.GroupLayout.PREFERRED_SIZE, 440,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup()

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(male)

.addGap(18, 18, 18)

.addComponent(female)
```

```
.addGap(18, 18, 18)

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(emailText, javax.swing.GroupLayout.PREFERRED_SIZE, 305,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel13, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1))

.addGap(23, 23, 23)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()


.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

                    .addComponent(fNameText,
javax.swing.GroupLayout.PREFERRED_SIZE, 208,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(dobText,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 208,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(18, 18, 18)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel3)
.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 94, javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(phoneText, javax.swing.GroupLayout.PREFERRED_SIZE, 219, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(lNameText, javax.swing.GroupLayout.PREFERRED_SIZE, 219, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addComponent(idText, javax.swing.GroupLayout.PREFERRED_SIZE, 98, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel3Layout.createSequentialGroup()
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 105, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(75, 75, 75)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 105, javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 538, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel3Layout.createSequentialGroup()
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel8)
.addGap(18, 18, 18)
.addComponent(qualification, javax.swing.GroupLayout.PREFERRED_SIZE, 182, javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel3Layout.createSequentialGroup()
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addComponent(jLabel11, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.PREFERRED_SIZE, 81, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel10, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.PREFERRED_SIZE, 57, javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(salaryText, javax.swing.GroupLayout.PREFERRED_SIZE, 182, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(18, 18, 18)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 126, javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(joiningText, javax.swing.GroupLayout.PREFERRED_SIZE, 208, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(designation, javax.swing.GroupLayout.PREFERRED_SIZE,
207, javax.swing.GroupLayout.PREFERRED_SIZE)))))))
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(282, 282, 282)
.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 233,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addContainerGap(65, Short.MAX_VALUE)));
jPanel3Layout.setVerticalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(29, 29, 29)
.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(29, 29, 29)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(idText, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(fNameText, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE, 32, Short.MAX_VALUE)
.addComponent(dobText, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(2, 2, 2)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(lNameText, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(phoneText, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE))))
.addGap(9, 9, 9)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(4, 4, 4)
.addComponent(fatherText, javax.swing.GroupLayout.DEFAULT_SIZE, 32, Short.MAX_VALUE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(male)
.addComponent(female))
.addComponent(emailText))
.addGap(18, 18, 18)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(qualification, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(designation, javax.swing.GroupLayout.PREFERRED_SIZE, 35, javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(18, 18, 18)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(salaryText, javax.swing.GroupLayout.PREFERRED_SIZE, 36, javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(joiningText, javax.swing.GroupLayout.PREFERRED_SIZE, 34, javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 104, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(30, 30, 30)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 37, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 37, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addContainerGap()));jTabbedPane1.addTab("Add New Staff", jPanel3);
jPanel5.setBackground(new java.awt.Color(255, 204, 204));
jPanel5.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));
jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jLabel15.setFont(new java.awt.Font("Cambria", 1, 18));
jLabel15.setForeground(new java.awt.Color(153, 0, 0));
jLabel15.setText("Update & Change Status Staff Form");
jPanel5.add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 10, 380, 32));
jLabel16.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel16.setText("Staff Id :"); jPanel5.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 70, -1, 28));
idText1.setEditable(false);
idText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
idText1.setForeground(new java.awt.Color(255, 0, 102));
```

```
idText1.setToolTipText("Only 4 to 10 digits");

idText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

idText1FocusLost(evt);}});jPanel5.add(idText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 70, 98, 28));

jLabel17.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel17.setText("First Name :");jPanel5.add(jLabel17, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 110, -1, 32));

fNameText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

fNameText1.setForeground(new java.awt.Color(0, 51, 255));

fNameText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt)
{fNameText1FocusLost(evt);}}); jPanel5.add(fNameText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 110, 208, 30));

dobText1.setForeground(new java.awt.Color(0, 51, 255));

dobText1.setDateFormatString("dd-MM-yyyy");

dobText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

dobText1.setMaxSelectableDate(new java.util.Date(1640892716000L));

jPanel5.add(dobText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 150, 208, 27));

jLabel18.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel18.setText("D.O.B :");jPanel5.add(jLabel18, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 150, 87, 32));

lNameText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

lNameText1.setForeground(new java.awt.Color(0, 51, 255));

lNameText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {
```

```
lNameText1FocusLost(evt);} });jPanel5.add(lNameText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(460, 110, 190, 32));
phoneText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
    phoneText1.setForeground(new java.awt.Color(0, 51, 255));
    phoneText1.setToolTipText("Only 6 to 10 digits");
phoneText1.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusLost(java.awt.event.FocusEvent evt) {
phoneText1FocusLost(evt); }});jPanel5.add(phoneText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(460, 150, 190, 32));
fatherText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
    fatherText1.setForeground(new java.awt.Color(0, 51, 255));
    fatherText1.addFocusListener(new java.awt.event.FocusAdapter() {
        public void focusLost(java.awt.event.FocusEvent evt) {
fatherText1FocusLost(evt); }});jPanel5.add(fatherText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(292, 190, 360, 32));
jLabel19.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel19.setText("Father's Name/Husband's Name :");
jPanel5.add(jLabel19, new org.netbeans.lib.awtextra.AbsoluteConstraints(54,
190, 240, 32));
jLabel20.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel20.setText("Gender :");jPanel5.add(jLabel20, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 232, 94, 40));
male1.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
male1.setText("Male");
male1.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt)
{male1ItemStateChanged(evt); }});
```

```
jPanel5.add(male1, new org.netbeans.lib.awtextra.AbsoluteConstraints(150,
240, -1, -1));

female1.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
female1.setText("Female");

female1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

female1ItemStateChanged(evt); }});jPanel5.add(female1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(210, 240, -1, -1));

 jLabel21.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel21.setText("E-mail ID :");jPanel5.add(jLabel21, new
org.netbeans.lib.awtextra.AbsoluteConstraints(290, 230, 80, 32));

emailText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

emailText1.setForeground(new java.awt.Color(0, 51, 255));

emailText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt)
{emailText1FocusLost(evt); }});

jPanel5.add(emailText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(370, 230, 282, 32));

jLabel22.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel22.setText("Qualification :");jPanel5.add(jLabel22, new
org.netbeans.lib.awtextra.AbsoluteConstraints(53, 270, 100, 32));

qualification1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

qualification1.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","10th","12th","B Com","B Ed","B Pharma","B
Sc","BBA","BCA","BDS","BE / B Tech","CA / ICWA","CS /
ICSA","Diploma","Graduate","ITI","LLB","M Com","M Sc","MBA /

PGDBM","MBBS","MCA","ME / M Tech","MSW","Ph D","Post Graduate","Other"

}));qualification1.addItemListener(new java.awt.event.ItemListener() {
```

```
public void itemStateChanged(java.awt.event.ItemEvent evt) {

qualification1ItemStateChanged(evt); }});

jPanel5.add(qualification1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 270, 182, 35));

jLabel23.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel23.setText("Designation :");jPanel5.add(jLabel23, new
org.netbeans.lib.awtextra.AbsoluteConstraints(350, 270, 100, 32));

designation1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

designation1.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "," Principal"," Vice – principal"," Senior Teacher"," Teacher"," 
Junior Teacher","  Computer Teacher","  Physical Education Teacher","  Art &
Craft"," Drawing Teacher"," Music Teacher"," Senior Administration
Executive"," Junior Accountant"," Office Assistant"," Data Entry Operator"," 
Receptionist"," Security Guard"," Peon"," Plumber"," Electrician "," 
Others"}));

designation1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

designation1ItemStateChanged(evt); } });jPanel5.add(designation1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(450, 270, 200, 35));

 jLabel24.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel24.setText("Salary :");jPanel5.add(jLabel24, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 310, 81, 32));

salaryText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

salaryText1.setForeground(new java.awt.Color(0, 51, 255));

salaryText1.setToolTipText("Only 4 to 8 digits");

salaryText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {
```

```
salaryText1FocusLost(evt); }});jPanel5.add(salaryText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 310, 182, 32));

jLabel25.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel25.setText("Joining Date :");jPanel5.add(jLabel25, new
org.netbeans.lib.awtextra.AbsoluteConstraints(350, 310, 100, 32));

joiningText1.setForeground(new java.awt.Color(0, 51, 255));

    joiningText1.setDateFormatString("dd-MM-yyyy");

    joiningText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

jPanel5.add(joiningText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(450, 310, 200, 27));

addressText1.setColumns(20);

addressText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

    addressText1.setForeground(new java.awt.Color(0, 51, 255));

    addressText1.setRows(5);

    addressText1.addFocusListener(new java.awt.event.FocusAdapter() {

      public void focusLost(java.awt.event.FocusEvent evt) {

        addressText1FocusLost(evt);}});

jScrollPane2.setViewportView(addressText1);

 jPanel5.add(jScrollPane2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 350, 500, 104));

jLabel26.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel26.setText("Address :");jPanel5.add(jLabel26, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 350, 94, 32));

jButton3.setBackground(new java.awt.Color(255, 102, 102));

jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/8.png"))); jButton3.setText("Update");
```

```
jButton3.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton3ActionPerformed(evt);}});
jPanel5.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 530, 105, 37));
jButton4.setBackground(new java.awt.Color(255, 102, 102));
jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/icons/2.png"))); // NOI18N
jButton4.setText("Reset");
jButton4.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton4ActionPerformed(evt);}});
jPanel5.add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 530, 105, 37));
jLabel27.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel27.setText("Last Name :");jPanel5.add(jLabel27, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 110, -1, 32));
jLabel28.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel28.setText("Phone No :");jPanel5.add(jLabel28, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 150, -1, 32));
jLabel29.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel29.setText("Status :");
jPanel5.add(jLabel29, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 460, 78, 32));
status.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
```

```
status.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"","Active","Resigned","Terminated","On-Hold","Suspended"}));

status.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

statusItemStateChanged(evt);}});

jPanel5.add(status, new org.netbeans.lib.awtextra.AbsoluteConstraints(150,
460, 207, 35));

jButton5.setBackground(new java.awt.Color(255, 102, 102));

jButton5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton5.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); jButton5.setText("Search Staff");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);}}); jPanel5.add(jButton5, new
org.netbeans.lib.awtextra.AbsoluteConstraints(520, 60, 140, 37));

jTabbedPane1.addTab("Update & Status", jPanel5);

jPanel2.setBackground(new java.awt.Color(255, 204, 204));

jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));

jPanel8.setBackground(new java.awt.Color(255, 153, 153));

jPanel8.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));jButton11.setBackground(new
java.awt.Color(255, 204, 153));

jButton11.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton11.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/6.png"))); jButton11.setText("Show All Record");
```

```
jButton11.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton11ActionPerformed(evt);}});
jLabel73.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N
jLabel73.setText("All Staff Details");
javax.swing.GroupLayout jPanel8Layout = new
javax.swing.GroupLayout(jPanel8);
jPanel8.setLayout(jPanel8Layout);
jPanel8Layout.setHorizontalGroup(
jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel8Layout.createSequentialGroup()
.addContainerGap(182, Short.MAX_VALUE)
.addGroup(jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel8Layout.createSequentialGroup()
.addComponent(jLabel73, javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(131, 131, 131))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel8Layout.createSequentialGroup()
.addComponent(jButton11)
.addGap(177, 177, 177)))));jPanel8Layout.setVerticalGroup(
jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel8Layout.createSequentialGroup()
```

```
.addContainerGap(21, Short.MAX_VALUE)

.addComponent(jLabel73, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton11, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap()));

jPanel9.setBackground(new java.awt.Color(255, 153, 153));

jPanel9.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));

jButton12.setBackground(new java.awt.Color(255, 204, 153));

jButton12.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton12.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); // NOI18N

jButton12.setText("Print Staff Details");

jButton12.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton12ActionPerformed(evt);}});

 jLabel72.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel72.setText("Single Staff Record");

javax.swing.GroupLayout jPanel9Layout = new
javax.swing.GroupLayout(jPanel9);

jPanel9.setLayout(jPanel9Layout);

jPanel9Layout.setHorizontalGroup(

jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel9Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addComponent(jLabel72, javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton12))

.addGap(151, 151, 151)));

jPanel9Layout.setVerticalGroup(

jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel9Layout.createSequentialGroup()

.addContainerGap(21, Short.MAX_VALUE)

.addComponent(jLabel72, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton12, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE).addContainerGap()));

jPanel14.setBackground(new java.awt.Color(255, 153, 153));

jPanel14.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

jButton17.setBackground(new java.awt.Color(255, 204, 153));

jButton17.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
```

```
jButton17.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); // NOI18N

jButton17.setText("Print Staff Details");

jButton17.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton17ActionPerformed(evt);}});

jLabel71.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel71.setText("All Active Staff");

javax.swing.GroupLayout jPanel14Layout = new
javax.swing.GroupLayout(jPanel14);

jPanel14.setLayout(jPanel14Layout);jPanel14Layout.setHorizontalGroup(

jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel14Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel14Layout.createSequentialGroup()

.addComponent(jButton17)

.addGap(180, 180, 180))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel14Layout.createSequentialGroup()

.addComponent(jLabel71, javax.swing.GroupLayout.PREFERRED_SIZE, 241,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(95, 95, 95)))));
```

```
jPanel14Layout.setVerticalGroup(

jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel14Layout.createSequentialGroup()

.addGap(23, 23, 23)

.addComponent(jLabel71, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton17, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(21, 21, 21)));

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()

.addContainerGap(173, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING, false)

.addComponent(jPanel14, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel9, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(133, 133, 133)));jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING).addGroup(jPanel2Layout.createSequentialGroup()

.addGap(60, 60, 60)

.addComponent(jPanel9, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel14, javax.swing.GroupLayout.PREFERRED_SIZE, 112,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(175, Short.MAX_VALUE)));

jTabbedPane1.addTab("Other", jPanel2);

jTabbedPane2.addTab("", new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/1.png")), jTabbedPane1, "Staff Form"); // NOI18N

jTabbedPane3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax
.swing.border.BevelBorder.RAISED));

    jTabbedPane3.setTabPlacement(javax.swing.JTabbedPane.LEFT);

jTabbedPane3.setFont(new java.awt.Font("Arial", 1, 12)); // NOI18N

jPanel4.setBackground(new java.awt.Color(255, 204, 204));

jPanel4.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));
```

```
jPanel4.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel30.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel30.setForeground(new java.awt.Color(153, 0, 0));

jLabel30.setText("ADMISSION FORM");jPanel4.add(jLabel30, new
org.netbeans.lib.awtextra.AbsoluteConstraints(300, 10, 233, 32));

jLabel31.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel31.setText("Admission No :");jPanel4.add(jLabel31, new
org.netbeans.lib.awtextra.AbsoluteConstraints(54, 69, 110, 28));

admissionText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

admissionText.setForeground(new java.awt.Color(255, 0, 51));

admissionText.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

admissionTextFocusLost(evt);}});

jPanel4.add(admissionText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(168, 68, 209, 30));

jLabel32.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel32.setText("First Name :");jPanel4.add(jLabel32, new
org.netbeans.lib.awtextra.AbsoluteConstraints(64, 118, -1, 32));

sFirstNameText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

      sFirstNameText.setForeground(new java.awt.Color(0, 51, 255));

      sFirstNameText.addFocusListener(new java.awt.event.FocusAdapter() {

         public void focusLost(java.awt.event.FocusEvent evt) {

sFirstNameTextFocusLost(evt);}});

jPanel4.add(sFirstNameText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(168, 119, 209, 30));

jLabel33.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel33.setText("Roll No :");jPanel4.add(jLabel33, new
org.netbeans.lib.awtextra.AbsoluteConstraints(427, 110, -1, 32));

rollText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

rollText.setForeground(new java.awt.Color(0, 51, 255));

rollText.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt)
{rollTextFocusLost(evt);}});

jPanel4.add(rollText, new org.netbeans.lib.awtextra.AbsoluteConstraints(525,
113, 219, 32));

jLabel34.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel34.setText("Last Name :");jPanel4.add(jLabel34, new
org.netbeans.lib.awtextra.AbsoluteConstraints(64, 166, 86, 28));

sLastNameText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

    sLastNameText.setForeground(new java.awt.Color(0, 51, 255));

    sLastNameText.addFocusListener(new java.awt.event.FocusAdapter() {

      public void focusLost(java.awt.event.FocusEvent evt) {

        sLastNameTextFocusLost(evt);}});

jPanel4.add(sLastNameText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(168, 165, 209, 30));

jLabel35.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel35.setText("Class :");jPanel4.add(jLabel35, new
org.netbeans.lib.awtextra.AbsoluteConstraints(427, 163, 80, 32));

class2.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

class2.setForeground(new java.awt.Color(0, 102, 255));

class2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"","  I-A","  I-B","  I-C","  I-D","  I-E","  I-F","  II-A","  II-B","  II-C","  II-D","  II-E","
II-F","  III-A","  III-B","  III-C","  III-D","  III-E","  III-F","  IV-A","  IV-B","  IV-C","
IV-D","  IV-E","  IV-F","  V-A","  V-B","  V-C","  V-D","  V-E","  V-F","  VI-A","  VI-
```

```
B"," VI-C"," VI-D"," VI-E"," VI-F"," VII-A"," VII-B"," VII-C"," VII-D"," VII-E"," VII-F"," VIII-A"," VIII-B"," VIII-C"," VIII-D"," VIII-E"," VIII-F"," IX-A"," IX-B"," IX-C"," IX-D"," IX-E"," IX-F"," X-A"," X-B"," X-C"," X-D"," X-E"," X-F"," XI-A"," XI-B"," XI-C"," XI-D"," XI-E"," XI-F"," XII-A"," XII-B"," XII-C"," XII-D"," XII-E"," XII-F" }));

class2.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

class2ItemStateChanged(evt);}});

jPanel4.add(class2, new org.netbeans.lib.awtextra.AbsoluteConstraints(525, 160, 219, 35));

jLabel36.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel36.setText("Father's Name :");

jPanel4.add(jLabel36, new org.netbeans.lib.awtextra.AbsoluteConstraints(42, 214, 120, 28));

sFatherText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sFatherText.setForeground(new java.awt.Color(0, 51, 255));

sFatherText.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

sFatherTextFocusLost(evt);}});

jPanel4.add(sFatherText, new org.netbeans.lib.awtextra.AbsoluteConstraints(166, 213, 578, 30));

sFatherContact.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

    sFatherContact.setForeground(new java.awt.Color(0, 51, 255));

    sFatherContact.addFocusListener(new java.awt.event.FocusAdapter() {public void focusLost(java.awt.event.FocusEvent evt) {

sFatherContactFocusLost(evt);}});

jPanel4.add(sFatherContact, new org.netbeans.lib.awtextra.AbsoluteConstraints(199, 255, 186, 30));
```

```
jLabel37.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel37.setText("Father's Contact No :");

jPanel4.add(jLabel37, new org.netbeans.lib.awtextra.AbsoluteConstraints(45,
256, 150, 28));

jLabel38.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel38.setText("Father's Occupation :");

jPanel4.add(jLabel38, new
org.netbeans.lib.awtextra.AbsoluteConstraints(389, 254, -1, 32));

fatherOccupation.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

fatherOccupation.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","Businessman","Salaried(govt)","Salaried (other than govt)","Self
employed","Unemployed","Other" }));

fatherOccupation.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

fatherOccupationItemStateChanged(evt);}});

fatherOccupation.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

fatherOccupationActionPerformed(evt);}});

jPanel4.add(fatherOccupation, new
org.netbeans.lib.awtextra.AbsoluteConstraints(544, 254, 200, 35));

jLabel39.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel39.setText("Mother's Name");jPanel4.add(jLabel39, new
org.netbeans.lib.awtextra.AbsoluteConstraints(54, 295, 110, 28));

jLabel40.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel40.setText("Mother's Contact No :");jPanel4.add(jLabel40, new
org.netbeans.lib.awtextra.AbsoluteConstraints(35, 333, 160, 28));

sMotherContactText.setFont(new java.awt.Font("Cambria", 0, 14)); //
NOI18N
```

```
sMotherContactText.setForeground(new java.awt.Color(0, 51, 255));
sMotherContactText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
sMotherContactTextFocusLost(evt);}});
jPanel4.add(sMotherContactText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(199, 332, 186, 30));
sMotherText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
sMotherText.setForeground(new java.awt.Color(0, 51, 255));
sMotherText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt)
{sMotherTextFocusLost(evt);}});
jPanel4.add(sMotherText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(168, 295, 576, 30));
jLabel41.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel41.setText("Mother's Occupation :");
jPanel4.add(jLabel41, new
org.netbeans.lib.awtextra.AbsoluteConstraints(389, 331, -1, 32));
motherOccupation.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
motherOccupation.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","Housewife","Businessman","Salaried(govt)","Salaried (other than
govt)","Self employed","Unemployed","Other" }));
motherOccupation.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
motherOccupationItemStateChanged(evt);}});
motherOccupation.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
motherOccupationActionPerformed(evt);}});
```

```
jPanel4.add(motherOccupation, new
org.netbeans.lib.awtextra.AbsoluteConstraints(543, 331, 200, 35));

jLabel42.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel42.setText("Gender :");jPanel4.add(jLabel42, new
org.netbeans.lib.awtextra.AbsoluteConstraints(160, 370, 70, 32));

sMale.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

sMale.setText("Male");sMale.addItemListener(new
java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

sMaleItemStateChanged(evt);}});

jPanel4.add(sMale, new org.netbeans.lib.awtextra.AbsoluteConstraints(230,
373, -1, 30));

sFemale.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
sFemale.setText("Female");

sFemale.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

sFemaleItemStateChanged(evt);}});

jPanel4.add(sFemale, new org.netbeans.lib.awtextra.AbsoluteConstraints(300,
373, -1, 30));

jLabel43.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel43.setText("Caste :");jPanel4.add(jLabel43, new
org.netbeans.lib.awtextra.AbsoluteConstraints(443, 372, 77, 32));

caste.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

    caste.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]
{ "","GENERAL","OBC","SC","ST","OTHER" }));

caste.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

casteItemStateChanged(evt);}});
```

```
caste.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt)
{casteActionPerformed(evt);}});
jPanel4.add(caste, new org.netbeans.lib.awtextra.AbsoluteConstraints(524,
372, 219, 35));
jLabel44.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel44.setText("Address :");jPanel4.add(jLabel44, new
org.netbeans.lib.awtextra.AbsoluteConstraints(64, 372, 94, 32));
sAddressText.setColumns(20);
sAddressText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
sAddressText.setForeground(new java.awt.Color(0, 102, 255));
sAddressText.setRows(5);
sAddressText.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
sAddressTextFocusLost(evt);}});
jScrollPane3.setViewportView(sAddressText);jPanel4.add(jScrollPane3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(60, 410, 330, 120));
jLabel45.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel45.setText("Date of Birth :");jPanel4.add(jLabel45, new
org.netbeans.lib.awtextra.AbsoluteConstraints(410, 430, -1, -1));
sdob.setForeground(new java.awt.Color(0, 51, 255));
sdob.setDateFormatString("dd-MM-yyyy");
sdob.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
sdob.setMaxSelectableDate(new java.util.Date(1640892716000L));
jPanel4.add(sdob, new org.netbeans.lib.awtextra.AbsoluteConstraints(520,
420, 220, 30));
jLabel46.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel46.setText("Admission Date :");jPanel4.add(jLabel46, new
org.netbeans.lib.awtextra.AbsoluteConstraints(395, 470, 120, -1));

admissionDate.setForeground(new java.awt.Color(0, 51, 255));

admissionDate.setDateFormatString("dd-MM-yyyy");

admissionDate.setFont(new java.awt.Font("Cambria", 0, 14));
jPanel4.add(admissionDate, new
org.netbeans.lib.awtextra.AbsoluteConstraints(520, 460, 220, 30));

jLabel47.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel47.setText("Fees :");jPanel4.add(jLabel47, new
org.netbeans.lib.awtextra.AbsoluteConstraints(410, 500, 86, 28));

feesText.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

feesText.setForeground(new java.awt.Color(0, 51, 255));

feesText.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

feesTextFocusLost(evt);}});

jPanel4.add(feesText, new
org.netbeans.lib.awtextra.AbsoluteConstraints(520, 500, 220, 30));

jButton6.setBackground(new java.awt.Color(255, 102, 102));

jButton6.setFont(new java.awt.Font("Tahoma", 1, 12)); jButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/2.png")));  jButton6.setText("Reset");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);}});jPanel4.add(jButton6, new
org.netbeans.lib.awtextra.AbsoluteConstraints(270, 540, 120, 40));

jButton7.setBackground(new java.awt.Color(255, 102, 102));

jButton7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
```

```
jButton7.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/4.png"))); // NOI18N

jButton7.setText("Save");jButton7.addActionListener(new
java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);}});

jPanel4.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
540, 120, 40));jTabbedPane3.addTab("Admission Form", jPanel4);

jPanel6.setBackground(new java.awt.Color(255, 204, 204));

jPanel6.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));

jPanel6.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

admissionText1.setEditable(false);

admissionText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

admissionText1.setForeground(new java.awt.Color(255, 0, 51));

admissionText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

admissionText1FocusLost(evt);}});jPanel6.add(admissionText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(161, 71, 209, 30));

jLabel48.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel48.setForeground(new java.awt.Color(153, 0, 0));

jLabel48.setText("Update Student  Form");jPanel6.add(jLabel48, new
org.netbeans.lib.awtextra.AbsoluteConstraints(293, 13, 233, 32));

jLabel49.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel49.setText("Admission No :");

jPanel6.add(jLabel49, new org.netbeans.lib.awtextra.AbsoluteConstraints(57,
72, -1, 28));jLabel50.setFont(new java.awt.Font("Cambria Math", 1, 14));
```

```
jLabel50.setText("First Name :");jPanel6.add(jLabel50, new
org.netbeans.lib.awtextra.AbsoluteConstraints(57, 121, -1, 32));

sFirstNameText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sFirstNameText1.setForeground(new java.awt.Color(0, 51, 255));

sFirstNameText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt)
{sFirstNameText1FocusLost(evt);}});jPanel6.add(sFirstNameText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(161, 122, 209, 30));

sLastNameText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sLastNameText1.setForeground(new java.awt.Color(0, 51, 255));

sLastNameText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

sLastNameText1FocusLost(evt);}});jPanel6.add(sLastNameText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(161, 168, 209, 30));

jLabel51.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel51.setText("Last Name :");jPanel6.add(jLabel51, new
org.netbeans.lib.awtextra.AbsoluteConstraints(57, 169, 86, 28));

jLabel52.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel52.setText("Roll No :");jPanel6.add(jLabel52, new
org.netbeans.lib.awtextra.AbsoluteConstraints(420, 113, -1, 32));

jLabel53.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel53.setText("Class :");jPanel6.add(jLabel53, new
org.netbeans.lib.awtextra.AbsoluteConstraints(420, 166, 80, 32));

class3.setFont(new java.awt.Font("Cambria", 0, 14));
class3.setForeground(new java.awt.Color(0, 102, 255));

class3.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"","  I-A","  I-B","  I-C","  I-D","  I-E","  I-F","  II-A","  II-B","  II-C","  II-D","  II-E","
II-F","  III-A","  III-B","  III-C","  III-D","  III-E","  III-F","  IV-A","  IV-B","  IV-C","
```

```
IV-D"," IV-E"," IV-F"," V-A"," V-B"," V-C"," V-D"," V-E"," V-F"," VI-A"," VI-
B"," VI-C"," VI-D"," VI-E"," VI-F"," VII-A"," VII-B"," VII-C"," VII-D"," VII-E"," 
VII-F"," VIII-A"," VIII-B"," VIII-C"," VIII-D"," VIII-E"," VIII-F"," IX-A"," IX-B"," 
IX-C"," IX-D"," IX-E"," IX-F"," X-A"," X-B"," X-C"," X-D"," X-E"," X-F"," XI-A"," 
XI-B"," XI-C"," XI-D"," XI-E"," XI-F"," XII-A"," XII-B"," XII-C"," XII-D"," XII-
E"," XII-F" }));

class3.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

class3ItemStateChanged(evt);}});jPanel6.add(class3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(520, 160, 219, 35));

rollText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

rollText1.setForeground(new java.awt.Color(0, 51, 255));

rollText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

rollText1FocusLost(evt);}});jPanel6.add(rollText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(518, 116, 219, 32));

jLabel54.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel54.setText("Father's Name :");jPanel6.add(jLabel54, new
org.netbeans.lib.awtextra.AbsoluteConstraints(48, 217, -1, 28));

sFatherText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sFatherText1.setForeground(new java.awt.Color(0, 51, 255));

sFatherText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

sFatherText1FocusLost(evt);}});jPanel6.add(sFatherText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(159, 216, 578, 30));

jLabel55.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel55.setText("Father's Contact No :");jPanel6.add(jLabel55, new
org.netbeans.lib.awtextra.AbsoluteConstraints(38, 259, 150, 28));
```

```
sFatherContact1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sFatherContact1.setForeground(new java.awt.Color(0, 51, 255));

sFatherContact1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

sFatherContact1FocusLost(evt);}});jPanel6.add(sFatherContact1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(192, 258, 186, 30));

jLabel56.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel56.setText("Father's Occupation :");jPanel6.add(jLabel56, new
org.netbeans.lib.awtextra.AbsoluteConstraints(382, 257, 150, 32));

fatherOccupation1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

fatherOccupation1.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","Businessman","Salaried(govt)","Salaried (other than govt)","Self
employed","Unemployed","Other" }));

fatherOccupation1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt)
{fatherOccupation1ItemStateChanged(evt);}});

fatherOccupation1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

fatherOccupation1ActionPerformed(evt);}});jPanel6.add(fatherOccupation1,
new org.netbeans.lib.awtextra.AbsoluteConstraints(537, 257, 200, 35));

jLabel57.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel57.setText("Mother's Name :");jPanel6.add(jLabel57, new
org.netbeans.lib.awtextra.AbsoluteConstraints(37, 298, 120, 28));

sMotherText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sMotherText1.setForeground(new java.awt.Color(0, 51, 255));

sMotherText1.addFocusListener(new java.awt.event.FocusAdapter() {
```

```
public void focusLost(java.awt.event.FocusEvent evt)
{sMotherText1FocusLost(evt);}});jPanel6.add(sMotherText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(161, 298, 576, 30));

jLabel58.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel58.setText("Mother's Contact No :");jPanel6.add(jLabel58, new
org.netbeans.lib.awtextra.AbsoluteConstraints(28, 336, 160, 28));

sMotherContactText1.setFont(new java.awt.Font("Cambria", 0, 14));
sMotherContactText1.setForeground(new java.awt.Color(0, 51, 255));

sMotherContactText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

sMotherContactText1FocusLost(evt);}});jPanel6.add(sMotherContactText1,
new org.netbeans.lib.awtextra.AbsoluteConstraints(192, 335, 186, 30));

jLabel59.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel59.setText("Mother's Occupation :");jPanel6.add(jLabel59, new
org.netbeans.lib.awtextra.AbsoluteConstraints(383, 334, 160, 32));

motherOccupation1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

motherOccupation1.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] {
"","Housewife","Businessman","Salaried(govt)","Salaried (other than
govt)","Self employed","Unemployed","Other" }));

motherOccupation1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

motherOccupation1ItemStateChanged(evt);}});

motherOccupation1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

motherOccupation1ActionPerformed(evt);}});jPanel6.add(motherOccupation
1, new org.netbeans.lib.awtextra.AbsoluteConstraints(544, 335, 190, 35));

jLabel60.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel60.setText("Address :");jPanel6.add(jLabel60, new
org.netbeans.lib.awtextra.AbsoluteConstraints(57, 375, 94, 32));

jLabel61.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel61.setText("Gender :");jPanel6.add(jLabel61, new
org.netbeans.lib.awtextra.AbsoluteConstraints(159, 375, 80, 32));

sMale1.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

sMale1.setText("Male");sMale1.addItemListener(new
java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt) {

sMale1ItemStateChanged(evt);}});

jPanel6.add(sMale1, new org.netbeans.lib.awtextra.AbsoluteConstraints(223,
376, -1, 30));sFemale1.setFont(new java.awt.Font("Cambria Math", 1, 14));
sFemale1.setText("Female");

sFemale1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

sFemale1ItemStateChanged(evt);}});jPanel6.add(sFemale1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(293, 376, -1, 30));

jLabel62.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel62.setText("Caste :");jPanel6.add(jLabel62, new
org.netbeans.lib.awtextra.AbsoluteConstraints(436, 375, 77, 32));

caste1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

caste1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"","GENERAL","OBC","SC","ST","Other" }));

caste1.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt)
{caste1ItemStateChanged(evt);}});

caste1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
caste1ActionPerformed(evt);}});jPanel6.add(caste1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(515, 376, 219, 35));

sAddressText1.setColumns(20);

sAddressText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

sAddressText1.setForeground(new java.awt.Color(0, 102, 255));

sAddressText1.setRows(5);sAddressText1.addFocusListener(new
java.awt.event.FocusAdapter() {public void
focusLost(java.awt.event.FocusEvent evt) {sAddressText1FocusLost(evt);}});

jScrollPane4.setViewportView(sAddressText1);jPanel6.add(jScrollPane4, new
org.netbeans.lib.awtextra.AbsoluteConstraints(53, 413, 330, 120));

jLabel63.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel63.setText("Date of Birth :");jPanel6.add(jLabel63, new
org.netbeans.lib.awtextra.AbsoluteConstraints(403, 433, -1, -1));

sdob1.setForeground(new java.awt.Color(0, 51, 255));

sdob1.setDateFormatString("dd-MM-yyyy");

sdob1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

jPanel6.add(sdob1, new org.netbeans.lib.awtextra.AbsoluteConstraints(513,
423, 220, 30));

admissionDate1.setForeground(new java.awt.Color(0, 51, 255));

admissionDate1.setDateFormatString("dd-MM-yyyy");

admissionDate1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

jPanel6.add(admissionDate1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(513, 463, 220, 30));

jLabel64.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N

jLabel64.setText("Admission Date :");jPanel6.add(jLabel64, new
org.netbeans.lib.awtextra.AbsoluteConstraints(398, 473, 120, -1));

jLabel65.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel65.setText("Fees :");jPanel6.add(jLabel65, new
org.netbeans.lib.awtextra.AbsoluteConstraints(403, 503, 86, 28));

feesText1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

feesText1.setForeground(new java.awt.Color(0, 51, 255));

feesText1.addFocusListener(new java.awt.event.FocusAdapter() {

public void focusLost(java.awt.event.FocusEvent evt) {

feesText1FocusLost(evt);}});jPanel6.add(feesText1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(513, 503, 220, 30));

jButton8.setBackground(new java.awt.Color(255, 102, 102));

jButton8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton8.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); // NOI18N

jButton8.setText("Search Student");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);}});jPanel6.add(jButton8, new
org.netbeans.lib.awtextra.AbsoluteConstraints(585, 56, 160, 40));

jButton9.setBackground(new java.awt.Color(255, 102, 102));

jButton9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton9.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/8.png"))); // NOI18NjButton9.setText("Update");

jButton9.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton9ActionPerformed(evt);}});jPanel6.add(jButton9, new
org.netbeans.lib.awtextra.AbsoluteConstraints(50, 550, 120, 40));

jLabel67.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel67.setText("Status :");jPanel6.add(jLabel67, new
org.netbeans.lib.awtextra.AbsoluteConstraints(404, 542, 63, 32));

studentStatus.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

studentStatus.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","Active","Left","Passed-Out","Deid","Suspended","Restricted" }));

studentStatus.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

studentStatusItemStateChanged(evt);}});

studentStatus.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

studentStatusActionPerformed(evt);}});jPanel6.add(studentStatus, new
org.netbeans.lib.awtextra.AbsoluteConstraints(512, 542, 222, 35));

jButton10.setBackground(new java.awt.Color(255, 102, 102));

jButton10.setFont(new java.awt.Font("Tahoma", 1, 12));
jButton10.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/2.png"))); // NOI18N

jButton10.setText("Reset");jButton10.addActionListener(new
java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton10ActionPerformed(evt);}});jPanel6.add(jButton10, new
org.netbeans.lib.awtextra.AbsoluteConstraints(240, 550, 120, 40));

jTabbedPane3.addTab("Update Form", jPanel6);

jPanel7.setBackground(new java.awt.Color(255, 204, 204));

jPanel10.setBackground(new java.awt.Color(255, 153, 153));

jPanel10.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

jButton13.setBackground(new java.awt.Color(255, 204, 153));
```

```
jButton13.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton13.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/6.png"))); // NOI18N

jButton13.setText("Show All Record");

jButton13.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton13ActionPerformed(evt);}});

jLabel66.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel66.setText("All Student Details");javax.swing.GroupLayout
jPanel10Layout = new javax.swing.GroupLayout(jPanel10);

jPanel10.setLayout(jPanel10Layout);jPanel10Layout.setHorizontalGroup(

jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel10Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addComponent(jButton13, javax.swing.GroupLayout.PREFERRED_SIZE, 176,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel66, javax.swing.GroupLayout.PREFERRED_SIZE, 218,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(133, 133, 133)));

jPanel10Layout.setVerticalGroup(

jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel10Layout.createSequentialGroup()

.addContainerGap(18, Short.MAX_VALUE)

.addComponent(jLabel66)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)

.addComponent(jButton13, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(19, 19, 19)));jPanel11.setBackground(new java.awt.Color(255, 153,
153));

jPanel11.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

jButton14.setBackground(new java.awt.Color(255, 204, 153));

jButton14.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton14.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); // NOI18N

jButton14.setText("Print Student Details");

jButton14.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton14ActionPerformed(evt);}});

jLabel68.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel68.setText("Single Student Record");javax.swing.GroupLayout
jPanel11Layout = new javax.swing.GroupLayout(jPanel11);

jPanel11.setLayout(jPanel11Layout);jPanel11Layout.setHorizontalGroup(

jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel11Layout.createSequentialGroup()
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.addGap(182, 182, 182)

.addComponent(jButton14)

.addContainerGap(181, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel11Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel68, javax.swing.GroupLayout.PREFERRED_SIZE, 271,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(99, 99, 99)));

jPanel11Layout.setVerticalGroup(

jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel11Layout.createSequentialGroup()

.addContainerGap(22, Short.MAX_VALUE)

.addComponent(jLabel68)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton14, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(19, 19, 19)));

jPanel13.setBackground(new java.awt.Color(255, 153, 153));

jPanel13.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

jButton16.setBackground(new java.awt.Color(255, 204, 153));

jButton16.setFont(new java.awt.Font("Cambria", 1, 14));
jButton16.setIcon(new
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javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/icons/3.png"))); // NOI18N

jButton16.setText("Print Student Details");

jButton16.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton16ActionPerformed(evt);}});

jLabel70.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel70.setText("All Active Student");javax.swing.GroupLayout jPanel13Layout = new javax.swing.GroupLayout(jPanel13);

jPanel13.setLayout(jPanel13Layout);jPanel13Layout.setHorizontalGroup(

jPanel13Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel13Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel13Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel13Layout.createSequentialGroup()

.addComponent(jLabel70, javax.swing.GroupLayout.PREFERRED_SIZE, 241, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(103, 103, 103))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel13Layout.createSequentialGroup()

.addComponent(jButton16)

.addGap(179, 179, 179)))));

jPanel13Layout.setVerticalGroup(jPanel13Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel13Layout.createSequentialGroup()

.addGap(23, 23, 23)

.addComponent(jLabel70, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton16, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(21, 21, 21)));

javax.swing.GroupLayout jPanel7Layout = new
javax.swing.GroupLayout(jPanel7);

jPanel7.setLayout(jPanel7Layout);

jPanel7Layout.setHorizontalGroup(

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)

.addGroup(jPanel7Layout.createSequentialGroup()

.addGap(134, 134, 134)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING, false)

.addComponent(jPanel13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel10, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel11, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(140, Short.MAX_VALUE)));
```

```
jPanel7Layout.setVerticalGroup(

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)

.addGroup(jPanel7Layout.createSequentialGroup()

.addGap(59, 59, 59)

.addComponent(jPanel11, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel13, javax.swing.GroupLayout.PREFERRED_SIZE, 112,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel10, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(178, Short.MAX_VALUE)));

jTabbedPane3.addTab("Other", jPanel7);jTabbedPane2.addTab("", new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/7.png")), jTabbedPane3, "Student Form"); // NOI18N

jTabbedPane4.setTabPlacement(javax.swing.JTabbedPane.LEFT);

jTabbedPane4.setFont(new java.awt.Font("Arial", 1, 12)); // NOI18N

jPanel16.setBackground(new java.awt.Color(255, 204, 153));

jPanel16.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel17.setBackground(new java.awt.Color(255, 204, 204));

jPanel17.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swin
g.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED),
"Fill Details", javax.swing.border.TitledBorder.DEFAULT_JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT_POSITION, new
java.awt.Font("Arial", 1, 11), new java.awt.Color(153, 0, 0))); // NOI18N
```

```
jLabel74.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel74.setText("S. No. :");
sNText.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
sNText.setForeground(new java.awt.Color(204, 0, 0));
jLabel75.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel75.setText("Data :");feeDate.setDateFormatString("dd-MM-yyyy");
feeDate.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
feeStudent.setEditable(false);
feeStudent.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
feeStudent.setForeground(new java.awt.Color(0, 0, 255));
jLabel76.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel76.setText("Name of the Student :");
jLabel77.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel77.setText("Father's Name :");feeFather.setEditable(false);
feeFather.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
feeFather.setForeground(new java.awt.Color(0, 0, 255));
feeClass.setEditable(false);
feeClass.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
feeClass.setForeground(new java.awt.Color(0, 0, 255));
feeClass.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
feeClassActionPerformed(evt);}});
jLabel78.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel78.setText("Class :");feeAdmission.setEditable(false);
feeAdmission.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
```

```
feeAdmission.setForeground(new java.awt.Color(0, 0, 255));
feeAdmission.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
feeAdmissionActionPerformed(evt);}});
jLabel79.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel79.setText("Admission No :");jLabel86.setFont(new
java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel86.setText("Roll No :");feeRoll.setEditable(false);
feeRoll.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
feeRoll.setForeground(new java.awt.Color(0, 0, 255));
feeRoll.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
feeRollActionPerformed(evt);} });
jSeparator1.setForeground(new java.awt.Color(0, 204, 255));
jLabel87.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel87.setText("Tuition Fee:");
tuitionFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
tuitionFee.setForeground(new java.awt.Color(0, 0, 255));
tuitionFee.setText("0");
tuitionFee.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
tuitionFeeFocusLost(evt);}});
tuitionFee.addKeyListener(new java.awt.event.KeyAdapter() {
public void keyReleased(java.awt.event.KeyEvent evt)
{tuitionFeeKeyReleased(evt);}});
jLabel88.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
```

```
jLabel88.setText("Annual Charge :");
annualFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
annualFee.setForeground(new java.awt.Color(0, 0, 255));
annualFee.setText("0");
annualFee.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
annualFeeFocusLost(evt);}});
annualFee.addKeyListener(new java.awt.event.KeyAdapter() {
public void keyReleased(java.awt.event.KeyEvent evt) {
annualFeeKeyReleased(evt);}});
jLabel89.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel89.setText("Admission Fee  :");
admissionFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
admissionFee.setForeground(new java.awt.Color(0, 0, 255));
admissionFee.setText("0");
admissionFee.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
admissionFeeFocusLost(evt);}});
admissionFee.addKeyListener(new java.awt.event.KeyAdapter() {
public void keyReleased(java.awt.event.KeyEvent evt) {
admissionFeeKeyReleased(evt);}});
jLabel90.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel90.setText("Late Fee Charge  :");
lateFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
lateFee.setForeground(new java.awt.Color(0, 0, 255));lateFee.setText("0");
```

```
lateFee.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
lateFeeFocusLost(evt);}});
lateFee.addKeyListener(new java.awt.event.KeyAdapter() {
public void keyReleased(java.awt.event.KeyEvent evt) {
lateFeeKeyReleased(evt);}});
jLabel91.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel91.setText("Other Charge  :");
otherFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
otherFee.setForeground(new java.awt.Color(0, 0, 255));
otherFee.setText("0");
otherFee.addFocusListener(new java.awt.event.FocusAdapter() {
public void focusLost(java.awt.event.FocusEvent evt) {
otherFeeFocusLost(evt);}});
otherFee.addKeyListener(new java.awt.event.KeyAdapter() {
public void keyReleased(java.awt.event.KeyEvent evt) {
otherFeeKeyReleased(evt);}});
jLabel92.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel92.setText("Total  Fee  :");totalFee.setEditable(false);
totalFee.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
totalFee.setForeground(new java.awt.Color(0, 0, 255));
totalFee.setText("0");
jButton15.setBackground(new java.awt.Color(255, 102, 102));
jButton15.setFont(new java.awt.Font("Tahoma", 1, 12));
jButton15.setIcon(new
```

```
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/icons/5.png"))); // NOI18N

jButton15.setText("Search Student");

jButton15.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton15ActionPerformed(evt);}});

javax.swing.GroupLayout jPanel17Layout = new javax.swing.GroupLayout(jPanel17);

jPanel17.setLayout(jPanel17Layout);jPanel17Layout.setHorizontalGroup(

jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jSeparator1)

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel74, javax.swing.GroupLayout.PREFERRED_SIZE, 63, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel76, javax.swing.GroupLayout.PREFERRED_SIZE, 160, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
```

.addComponent(jLabel79, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel77, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT_SIZE, 116, Short.MAX_VALUE)))

.addGap(17, 17, 17)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(feeFather)

.addGap(18, 18, 18)

.addComponent(jLabel86, javax.swing.GroupLayout.PREFERRED_SIZE, 74, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(feeRoll, javax.swing.GroupLayout.PREFERRED_SIZE, 109, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(sNText, javax.swing.GroupLayout.PREFERRED_SIZE, 141, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(159, 159, 159)

.addComponent(jButton15, javax.swing.GroupLayout.DEFAULT_SIZE, 164, Short.MAX_VALUE))

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(feeAdmission, javax.swing.GroupLayout.PREFERRED_SIZE, 123, javax.swing.GroupLayout.PREFERRED_SIZE)

```
.addGap(22, 22, 22)

.addComponent(jLabel75, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(feeStudent, javax.swing.GroupLayout.PREFERRED_SIZE, 211,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(jLabel78, javax.swing.GroupLayout.PREFERRED_SIZE, 61,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)

.addComponent(feeClass))

.addComponent(feeDate, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))))

.addGap(36, 36, 36))

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.TRAILING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(jLabel88, javax.swing.GroupLayout.PREFERRED_SIZE, 118,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(annualFee, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createSequentialGroup()
```

```
.addComponent(jLabel87, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(35, 35, 35)

.addComponent(tuitionFee, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(jLabel89, javax.swing.GroupLayout.PREFERRED_SIZE, 124,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)

.addComponent(admissionFee, javax.swing.GroupLayout.PREFERRED_SIZE,
108, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(27, 27, 27)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(jLabel91, javax.swing.GroupLayout.PREFERRED_SIZE, 118,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(otherFee, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createSequentialGroup()

.addComponent(jLabel90, javax.swing.GroupLayout.PREFERRED_SIZE, 131,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(lateFee, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createSequentialGroup()
```

```
.addComponent(jLabel92, javax.swing.GroupLayout.PREFERRED_SIZE, 118,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(totalFee, javax.swing.GroupLayout.PREFERRED_SIZE, 108,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)))));

jPanel17Layout.setVerticalGroup(

jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel17Layout.createSequentialGroup().addGroup(jPanel17Layo
ut.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addGap(51, 51, 51)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addComponent(sNText, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel74, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel17Layout.createSequentialGroup()

.addGap(37, 37, 37)

.addComponent(jButton15, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)
```

.addComponent(jLabel76, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(feeStudent, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel78, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(feeClass, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel77, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(feeFather, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel86, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(feeRoll, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(10, 10, 10)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(feeDate, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(feeAdmission, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel79, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel75, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(18, 18, 18)

.addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE, 10, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(tuitionFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel87, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(annualFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel88, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel17Layout.createSequentialGroup()

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lateFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel90, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(otherFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel91, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(admissionFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING).addComponent(totalFee, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 30, javax.swing.GroupLayout.PREFERRED_SIZE)

```
.addComponent(jLabel92, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel89, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(49, Short.MAX_VALUE)));

btnSubmit.setBackground(new java.awt.Color(255, 102, 102));

btnSubmit.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

btnSubmit.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/4.png"))); btnSubmit.setText("Save ");

btnSubmit.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSubmitActionPerformed(evt);}});

jButton19.setBackground(new java.awt.Color(255, 102, 102));

jButton19.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton19.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/2.png"))); jButton19.setText("Reset");

jButton19.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton19ActionPerformed(evt);}});

jLabel96.setFont(new java.awt.Font("Cambria", 1, 24)); // NOI18N

jLabel96.setForeground(new java.awt.Color(153, 0, 0));

jLabel96.setText("Submit Fees Form");javax.swing.GroupLayout
jPanel16Layout = new javax.swing.GroupLayout(jPanel16);

jPanel16.setLayout(jPanel16Layout);jPanel16Layout.setHorizontalGroup(

jPanel16Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
```

```
.addGroup(jPanel16Layout.createSequentialGroup()

.addGap(57, 57, 57)

.addComponent(jPanel17, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGap(64, 64, 64))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel16Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel96, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(289, 289, 289))

.addGroup(jPanel16Layout.createSequentialGroup()

.addGap(109, 109, 109)

.addComponent(btnSubmit, javax.swing.GroupLayout.PREFERRED_SIZE, 127,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(109, 109, 109)

.addComponent(jButton19, javax.swing.GroupLayout.PREFERRED_SIZE, 127,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));jPanel16Layout.setVerticalGroup(

jPanel16Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel16Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel96)
```

```
.addGap(18, 18, 18)

.addComponent(jPanel17, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(28, 28, 28)

.addGroup(jPanel16Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.BASELINE)

.addComponent(btnSubmit, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton19, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(63, 63, 63)));jTabbedPane4.addTab("Submit Fees Form", jPanel16);

jPanel18.setBackground(new java.awt.Color(255, 204, 204));

jPanel19.setBackground(new java.awt.Color(255, 153, 153));

jPanel19.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

jButton18.setBackground(new java.awt.Color(255, 204, 153));

jButton18.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton18.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); // NOI18N

jButton18.setText("Print Student Details");

jButton18.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton18ActionPerformed(evt);}});

jLabel80.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel80.setText("Current month single student details");
```

```
javax.swing.GroupLayout jPanel19Layout = new
javax.swing.GroupLayout(jPanel19);

jPanel19.setLayout(jPanel19Layout);jPanel19Layout.setHorizontalGroup(

jPanel19Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel19Layout.createSequentialGroup()

.addGap(182, 182, 182)

.addComponent(jButton18)

.addContainerGap(181, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel19Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel80, javax.swing.GroupLayout.PREFERRED_SIZE, 385,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(40, 40, 40)));

jPanel19Layout.setVerticalGroup(

jPanel19Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel19Layout.createSequentialGroup()

.addContainerGap(22, Short.MAX_VALUE)

.addComponent(jLabel80)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton18, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(19, 19, 19)));

  jPanel20.setBackground(new java.awt.Color(255, 153, 153));
```

```
jPanel20.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

jButton20.setBackground(new java.awt.Color(255, 204, 153));

jButton20.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jButton20.setIcon(new javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/icons/3.png"))); // NOI18N

jButton20.setText("Print Student Details");

jButton20.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton20ActionPerformed(evt);}});

jLabel81.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel81.setText("Current month all paid student details");

javax.swing.GroupLayout jPanel20Layout = new javax.swing.GroupLayout(jPanel20);jPanel20.setLayout(jPanel20Layout);

jPanel20Layout.setHorizontalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel20Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel20Layout.createSequentialGroup()

.addComponent(jLabel81, javax.swing.GroupLayout.PREFERRED_SIZE, 401, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(34, 34, 34))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup()

.addComponent(jButton20)

.addGap(177, 177, 177)))));

jPanel20Layout.setVerticalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup()

.addGap(23, 23, 23)

.addComponent(jLabel81, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jButton20, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(21, 21, 21)));

jPanel21.setBackground(new java.awt.Color(255, 153, 153));
jPanel21.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

 jButton21.setBackground(new java.awt.Color(255, 204, 153));

jButton21.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

      jButton21.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); // NOI18N

jButton21.setText("Print Student Details");

jButton21.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
jButton21ActionPerformed(evt);}});

jLabel82.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel82.setText("Current month Unpaid Student details");

javax.swing.GroupLayout jPanel21Layout = new
javax.swing.GroupLayout(jPanel21);

jPanel21.setLayout(jPanel21Layout);jPanel21Layout.setHorizontalGroup(

jPanel21Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel21Layout.createSequentialGroup()

.addGap(81, 81, 81)

.addComponent(jLabel82, javax.swing.GroupLayout.PREFERRED_SIZE, 394,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addContainerGap(75, Short.MAX_VALUE))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel21Layout.createSequentialGroup()

            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

            .addComponent(jButton21)

            .addGap(158, 158, 158)     );
jPanel21Layout.setVerticalGroup(jPanel21Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel21Layout.createSequentialGroup()

.addContainerGap(18, Short.MAX_VALUE)

.addComponent(jLabel82)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
```

```
.addComponent(jButton21, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(19, 19, 19))       );
 jPanel23.setBackground(new java.awt.Color(255, 204, 153));
jPanel23.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));
 newMonth.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
newMonth.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] {
"","jan","feb","mar","apr","may","jun","jul","aug","sep","oct","nov","dec" }));
newMonth.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
newMonthItemStateChanged(evt);}});
jLabel84.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
jLabel84.setText("Month");
jLabel85.setFont(new java.awt.Font("Cambria", 1, 14));
jLabel85.setText("Year");newYear.setFont(new java.awt.Font("Cambria", 0,
14)); newYear.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "", "2018","2019", "2020", "2021", "2022", "2023", "2024", "2025",
"2026", "2027", "2028", "2029", "2030", "2031", "2032", "2033", "2034",
"2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
"2044", "2045", "2046", "2047", "2048", "2049", "2050" }));
newYear.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
newYearItemStateChanged(evt);}});
jButton23.setBackground(new java.awt.Color(255, 102, 102));
jButton23.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
jButton23.setText("Show Table");jButton23.addActionListener(new
java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton23ActionPerformed(evt);}});
jLabel93.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N
    jLabel93.setText("Show Month Paid Student Details ");
javax.swing.GroupLayout jPanel23Layout = new
javax.swing.GroupLayout(jPanel23); jPanel23.setLayout(jPanel23Layout);
jPanel23Layout.setHorizontalGroup(
jPanel23Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
.addGroup(jPanel23Layout.createSequentialGroup()
.addGap(66, 66, 66)
.addComponent(jLabel84)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addGroup(jPanel23Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)
.addComponent(jLabel93, javax.swing.GroupLayout.PREFERRED_SIZE, 362,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel23Layout.createSequentialGroup()
.addComponent(newMonth, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(jLabel85)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(newYear, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(27, 27, 27)
```

```
.addComponent(jButton23)))
.addContainerGap(69, Short.MAX_VALUE)));
jPanel23Layout.setVerticalGroup(jPanel23Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel23Layout.createSequentialGroup()
.addContainerGap(25, Short.MAX_VALUE)
.addComponent(jLabel93)
.addGap(18, 18, 18)
.addGroup(jPanel23Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addComponent(jButton23, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel23Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(newMonth, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel84)
.addComponent(newYear, javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel85)))
.addGap(28, 28, 28)));
javax.swing.GroupLayout jPanel18Layout = new javax.swing.GroupLayout(jPanel18);
jPanel18.setLayout(jPanel18Layout);jPanel18Layout.setHorizontalGroup(
jPanel18Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel18Layout.createSequentialGroup()
```

```
.addGap(134, 134, 134)

.addGroup(jPanel18Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.TRAILING, false)

.addComponent(jPanel20, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel21, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel19, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jPanel23, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addContainerGap(134, Short.MAX_VALUE)));

jPanel18Layout.setVerticalGroup(jPanel18Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel18Layout.createSequentialGroup()

.addGap(34, 34, 34)

.addComponent(jPanel19, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel20, javax.swing.GroupLayout.PREFERRED_SIZE, 112,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jPanel21, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(26, 26, 26)
```

```
.addComponent(jPanel23, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(52, Short.MAX_VALUE)));

jTabbedPane4.addTab("Other", jPanel18);

jTabbedPane2.addTab("", new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/feeeees.png")), jTabbedPane4, "Submitt Fees");

jTabbedPane4.getAccessibleContext().setAccessibleName("");

jTabbedPane6.setTabPlacement(javax.swing.JTabbedPane.LEFT);

jPanel12.setBackground(new java.awt.Color(255, 204, 204));

jPanel15.setBackground(new java.awt.Color(255, 153, 153));
jPanel15.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

 Logout.setBackground(new java.awt.Color(255, 204, 153));

Logout.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

Logout.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/exit.png"))); // NOI18N

Logout.setText("Logout");

Logout.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

LogoutActionPerformed(evt);}});javax.swing.GroupLayout jPanel15Layout =
new javax.swing.GroupLayout(jPanel15);

jPanel15.setLayout(jPanel15Layout);

jPanel15Layout.setHorizontalGroup(jPanel15Layout.createParallelGroup(java
x.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel15Layout.createSequentialGroup()

.addContainerGap(239, Short.MAX_VALUE)

.addComponent(Logout, javax.swing.GroupLayout.PREFERRED_SIZE, 142,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(189, 189, 189)));jPanel15Layout.setVerticalGroup(

jPanel15Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel15Layout.createSequentialGroup()

.addContainerGap(26, Short.MAX_VALUE)

            .addComponent(Logout)

            .addGap(33, 33, 33)));

 jPanel22.setBackground(new java.awt.Color(255, 204, 153));
jPanel22.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swin
g.border.BevelBorder.RAISED));

 jLabel83.setBackground(new java.awt.Color(240, 240, 153));

jLabel83.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N

jLabel83.setForeground(new java.awt.Color(153, 51, 0));

jLabel83.setText("Developed by KIRAN JHA ");

jLabel95.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jLabel95.setForeground(new java.awt.Color(0, 0, 255));

jLabel95.setText("kiranjha202@gmail.com");

jLabel97.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N

jLabel97.setForeground(new java.awt.Color(153, 51, 0));

jLabel97.setText("For any assistance feel free to contact at");
```

```
jLabel94.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/gmail.png"))); javax.swing.GroupLayout jPanel22Layout = new
javax.swing.GroupLayout(jPanel22);

jPanel22.setLayout(jPanel22Layout);jPanel22Layout.setHorizontalGroup(

jPanel22Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)

.addGroup(jPanel22Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel22Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel22Layout.createSequentialGroup()

.addGroup(jPanel22Layout.createParallelGroup(javax.swing.GroupLayout.Alig
nment.LEADING)

.addComponent(jLabel97, javax.swing.GroupLayout.PREFERRED_SIZE, 501,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel83, javax.swing.GroupLayout.PREFERRED_SIZE, 501,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(19, 19, 19))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel22Layout.createSequentialGroup()

.addComponent(jLabel94)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel95, javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(154, 154, 154)))));
```

```
jPanel22Layout.setVerticalGroup(jPanel22Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel22Layout.createSequentialGroup()

.addGap(22, 22, 22)

.addComponent(jLabel83)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel97)

.addGap(18, 18, 18)

.addGroup(jPanel22Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel95, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel94, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(17, 17, 17)));

javax.swing.GroupLayout jPanel12Layout = new javax.swing.GroupLayout(jPanel12);jPanel12.setLayout(jPanel12Layout);

jPanel12Layout.setHorizontalGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel12Layout.createSequentialGroup()

.addGap(189, 189, 189)

.addGroup(jPanel12Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jPanel22, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(jPanel15, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(161, 161, 161)));

jPanel12Layout.setVerticalGroup(jPanel12Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel12Layout.createSequentialGroup()

          .addGap(81, 81, 81)

.addComponent(jPanel15, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(38, 38, 38)

.addComponent(jPanel22, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(228, Short.MAX_VALUE)));

jTabbedPane6.addTab("", jPanel12);

jTabbedPane2.addTab("", new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/exit.png")), jTabbedPane6, "Exit");

 x.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

x.setText(" X");x.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

xMouseClicked(evt);}

public void mouseEntered(java.awt.event.MouseEvent evt) {

xMouseEntered(evt);}

public void mouseExited(java.awt.event.MouseEvent evt) {

xMouseExited(evt);}});

mini.setFont(new java.awt.Font("Wide Latin", 1, 18)); // NOI18N
```

```
mini.setText(" -");
mini.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
miniMouseClicked(evt);}});
jLabel69.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
jLabel69.setForeground(new java.awt.Color(0, 51, 51));
jLabel69.setText("Happy Public Sec School");
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
        .addComponent(jTabbedPane2)
        .addGroup(jPanel1Layout.createSequentialGroup()
          .addGap(18, 18, 18)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 307,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(mini, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(x, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addContainerGap()));
jPanel1Layout.setVerticalGroup(jPanel1Layout.createParallelGroup(javax.swi
ng.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(x)
.addComponent(mini)
.addComponent(jLabel69))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jTabbedPane2)));
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)    );
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));pack();}
private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {
admissionText1.setText("");sdob1.setCalendar(null);
admissionDate1.setCalendar(null);sLastNameText1.setText("");
sFirstNameText1.setText("");rollText1.setText("");
class3.setSelectedIndex(0);sFatherText1.setText("");
sFatherContact1.setText("");fatherOccupation1.setSelectedIndex(0);
sMotherText1.setText("");sMotherContactText1.setText("");
motherOccupation1.setSelectedIndex(0);sMale1.setSelected(true);
```

```
uff13 = "Male";sAddressText1.setText("");caste1.setSelectedIndex(0);
studentStatus.setSelectedIndex(0);feesText1.setText("");}
private void studentStatusActionPerformed(java.awt.event.ActionEvent evt) {
}
private void studentStatusItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {
uff18 = (String) evt.getItem();}}
private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
uf1 = "";uf2 = "";uf3 = "";uf4 = "";uf5 = "";uf6 = "";uf7 = "";uf8 = "";uf9 = "";
uf10 = "";uf11 = "";uf12 = "";uf13 = "";uf14 = "";uf15 = "";uf16 = "";uf17 = "";
uf18 = "";int suFlag = 0;
uf1 = admissionText1.getText().trim();
uf2 = sFirstNameText1.getText().trim();
uf3 = sLastNameText1.getText().trim();uf4 = rollText1.getText().trim();
uf5 = uff5;uf6 = sFatherText1.getText().trim();
uf7 = sFatherContact1.getText().trim();uf8 = uff8;
uf9 = sMotherText1.getText().trim();
uf10 = sMotherContactText1.getText().trim();uf11 = uff11;
uf12 = sAddressText1.getText().trim();uf13 = uff13;uf14 = uff14;
uf15 = ((JTextField)
sdob1.getDateEditor().getUiComponent()).getText().trim();
uf16 = ((JTextField)
admissionDate1.getDateEditor().getUiComponent()).getText().trim();
uf17 = feesText1.getText().trim();uf18 = uff18;
if (uf1.isEmpty() || uf2.isEmpty() || uf3.isEmpty() || uf4.isEmpty() ||
uf5.isEmpty() || uf6.isEmpty() || uf7.isEmpty() || uf8.isEmpty() ||
uf9.isEmpty() || uf10.isEmpty() || uf11.isEmpty() || uf12.isEmpty() ||
```

```
uf13.isEmpty() || uf14.isEmpty() || uf15.isEmpty() || uf16.isEmpty() ||
uf17.isEmpty() || uf18.isEmpty()) {

JOptionPane.showMessageDialog(this, "Some field is empty !", "Error",
JOptionPane.ERROR_MESSAGE);} else {

matcherAdmissionId = patternAdmissionId.matcher(uf1);

if (!matcherAdmissionId.matches()) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Admission No only 4 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (uf2.length() > 30) {suFlag = 1;

JOptionPane.showMessageDialog(this, "First name only 30 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(uf2).matches())) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}

if (uf3.length() > 20) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Last name only 20 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(uf3).matches())) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherRollNo = patternRollNo.matcher(uf4);

if (!matcherRollNo.matches()) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Roll No only 1 to 3 digits",
"Error", JOptionPane.ERROR_MESSAGE);}if (uf6.length() > 50) {

suFlag = 1;JOptionPane.showMessageDialog(this, "Father name only 50
characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(uf6).matches())) {suFlag = 1;
```

```
JOptionPane.showMessageDialog(this, "Invalid Father's Name", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherPhone = patternPhone.matcher(uf7);

if (!matcherPhone.matches()) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Father Contact No only 6 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (uf9.length() > 50) {suFlag = 1;JOptionPane.showMessageDialog(this,
"Mother name only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(uf9).matches())) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Mother's Name", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherPhone = patternPhone.matcher(uf10);

if (!matcherPhone.matches()) {suFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Mother Contact No only 6 to
10 digits", "Error", JOptionPane.ERROR_MESSAGE);}

matcherFees = patternFees.matcher(uf17);if (!matcherFees.matches()) {

suFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Fees only 2 to 6
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (uf12.length() > 100) {JOptionPane.showMessageDialog(this, "Address only
100 characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (suFlag == 0) {updateStudentDate();}}}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

int flag5 = 0;

sin = JOptionPane.showInputDialog(this, "Please Enter Admission No");

sin = sin.trim();if (!sin.isEmpty()) {try {

conn = DriverManager.getConnection(url, username, password);

stm2 = conn.createStatement();
```

```
rs2 = stm2.executeQuery("Select admission_no from students_table");
while (rs2.next()) {if (sin.equals(rs2.getString(1))) {flag5 = 1;break;}}
conn.close();} catch (SQLException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}
if (flag5 == 1) {try {conn = DriverManager.getConnection(url, username,
password);stm2 = conn.createStatement();
rs2 = stm2.executeQuery("SELECT  *  FROM students_table WHERE
admission_no=" + sin + " ");while (rs2.next()) {
admissionText1.setText(rs2.getString(1));
sFirstNameText1.setText(rs2.getString(2));
sLastNameText1.setText(rs2.getString(3));
rollText1.setText(rs2.getString(4));class3.setSelectedItem(rs2.getString(5));
sFatherText1.setText(rs2.getString(6));
sFatherContact1.setText(rs2.getString(7));
fatherOccupation1.setSelectedItem(rs2.getString(8));
sMotherText1.setText(rs2.getString(9));
sMotherContactText1.setText(rs2.getString(10));
motherOccupation1.setSelectedItem(rs2.getString(11));
sAddressText1.setText(rs2.getString(12));
fatherText1.setText(rs2.getString(6));String radio = rs2.getString(13);
if (radio.equals("Male")) {sMale1.setSelected(true);} else {
sFemale1.setSelected(true);}caste1.setSelectedItem(rs2.getString(14));
String date = rs2.getString(15);String date3 = rs2.getString(16);try {
java.util.Date date2 = new SimpleDateFormat("dd-MM-yyyy").parse(date);
sdob1.setDate(date2);
```

```
java.util.Date date4 = new SimpleDateFormat("dd-MM-yyyy").parse(date3);
admissionDate1.setDate(date4);} catch (ParseException dd) {}
feesText1.setText(rs2.getString(17));
studentStatus.setSelectedItem(rs2.getString(18));}conn.close();
} catch (SQLException p) {JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Field is empty", "Error",
JOptionPane.ERROR_MESSAGE);}}
private void feesText1FocusLost(java.awt.event.FocusEvent evt) {
String check = feesText1.getText().trim();if (!check.isEmpty()) {
matcherFees = patternFees.matcher(check);if (!matcherFees.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Fees only 2 to 6 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void sAddressText1FocusLost(java.awt.event.FocusEvent evt) {
String check = sAddressText1.getText().trim();if (check.length() > 100) {
JOptionPane.showMessageDialog(this, "Only 100 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}}
private void caste1ActionPerformed(java.awt.event.ActionEvent evt) {      }
private void caste1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {uff14 = (String)
evt.getItem();}}
private void sFemale1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == sFemale1) {uff13 = "Female";}}
private void sMale1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == sMale1) {uff13 = "Male";}}
```

```
private void motherOccupation1ActionPerformed(java.awt.event.ActionEvent
evt) {}

private void motherOccupation1ItemStateChanged(java.awt.event.ItemEvent
evt) { if (evt.getStateChange() == ItemEvent.SELECTED) {

uff11 = (String) evt.getItem();}}

private void sMotherContactText1FocusLost(java.awt.event.FocusEvent evt) {

String check = sMotherContactText1.getText().trim();

if (!check.isEmpty()) {matcherPhone = patternPhone.matcher(check);

if (!matcherPhone.matches()) {JOptionPane.showMessageDialog(this, "Invalid
Mother Contact No only 6 to 10 digits", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void sMotherText1FocusLost(java.awt.event.FocusEvent evt) {

String check = sMotherText1.getText().trim();if (check.length() > 50) {

JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {

JOptionPane.showMessageDialog(this, "Invalid Mother's Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void fatherOccupation1ActionPerformed(java.awt.event.ActionEvent
evt) {}

private void fatherOccupation1ItemStateChanged(java.awt.event.ItemEvent
evt) { if (evt.getStateChange() == ItemEvent.SELECTED) {

uff8 = (String) evt.getItem();}}

private void sFatherContact1FocusLost(java.awt.event.FocusEvent evt) {

String check = sFatherContact1.getText().trim();if (!check.isEmpty()) {

matcherPhone = patternPhone.matcher(check);

if (!matcherPhone.matches()) {
```

```
JOptionPane.showMessageDialog(this, "Invalid Father Contact No only 6 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}}}
private void sFatherText1FocusLost(java.awt.event.FocusEvent evt) {
String check = sFatherText1.getText().trim();if (check.length() > 50) {
JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
if (!(letterPattern.matcher(check).matches()))
{JOptionPane.showMessageDialog(this, "Invalid Father's Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void rollText1FocusLost(java.awt.event.FocusEvent evt) {
String check = rollText1.getText().trim();
if (!check.isEmpty()) {matcherRollNo = patternRollNo.matcher(check);
if (!matcherRollNo.matches()) {JOptionPane.showMessageDialog(this, "Invalid
Roll No only 1 to 3 digits", "Error", JOptionPane.ERROR_MESSAGE);}}}
private void class3ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {
uff5 = (String) evt.getItem();}}
private void sLastNameText1FocusLost(java.awt.event.FocusEvent evt) {
String check = sLastNameText1.getText().trim();if (check.length() > 20) {
JOptionPane.showMessageDialog(this, "Only 20 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}
if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void sFirstNameText1FocusLost(java.awt.event.FocusEvent evt) {
String check = sFirstNameText1.getText().trim();if (check.length() > 30) {
JOptionPane.showMessageDialog(this, "Only 30 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
```

```
if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void admissionText1FocusLost(java.awt.event.FocusEvent evt) {
String check = admissionText1.getText().trim();if (!check.isEmpty()) {
matcherAdmissionId = patternAdmissionId.matcher(check);
if (!matcherAdmissionId.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Admission No only 4 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}}}
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
f1 = "";f2 = "";f3 = "";f4 = "";f5 = "";f6 = "";f7 = "";f8 = "";f9 = "";f10 = "";f11 = "";
f12 = "";f13 = "";f14 = "";f15 = "";f16 = "";
f17 = "";int sFlag = 0;f1 = admissionText.getText().trim();
f2 = sFirstNameText.getText().trim();f3 = sLastNameText.getText().trim();
f4 = rollText.getText().trim();f5 = ff5;f6 = sFatherText.getText().trim();
f7 = sFatherContact.getText().trim();f8 = ff8;
f9 = sMotherText.getText().trim();f10 = sMotherContactText.getText().trim();
f11 = ff11;f12 = sAddressText.getText().trim();f13 = ff13;f14 = ff14;
f15 = ((JTextField) sdob.getDateEditor().getUiComponent()).getText().trim();
f16 = ((JTextField)
admissionDate.getDateEditor().getUiComponent()).getText().trim();
f17 = feesText.getText().trim();if (f1.isEmpty() || f2.isEmpty() || f3.isEmpty()
|| f4.isEmpty() || f5.isEmpty() || f6.isEmpty() || f7.isEmpty() || f8.isEmpty() ||
f9.isEmpty() || f10.isEmpty() || f11.isEmpty() || f12.isEmpty() || f13.isEmpty()
|| f14.isEmpty() || f15.isEmpty() || f16.isEmpty() || f17.isEmpty()) {
JOptionPane.showMessageDialog(this, "Some field is empty !", "Error",
JOptionPane.ERROR_MESSAGE);} else {try {conn =
DriverManager.getConnection(url, username, password);
```

```
stm2 = conn.createStatement();

rs2 = stm2.executeQuery("Select admission_no from students_table");

while (rs2.next()) {if (f1.equals(rs2.getString(1))) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Admission No already
exists", "Error", JOptionPane.ERROR_MESSAGE);break;}}conn.close();

} catch (SQLException ep) {JOptionPane.showMessageDialog(this, ep, "Error",
JOptionPane.ERROR_MESSAGE);}

 matcherAdmissionId = patternAdmissionId.matcher(f1);

if (!matcherAdmissionId.matches()) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Admission No only 4 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (f2.length() > 30) {sFlag = 1;

JOptionPane.showMessageDialog(this, "First name only 30 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(f2).matches())) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}

if (f3.length() > 20) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Last name only 20 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(f3).matches())) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherRollNo = patternRollNo.matcher(f4);if (!matcherRollNo.matches()) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Roll No only 1 to 3
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (f6.length() > 50) {sFlag = 1;JOptionPane.showMessageDialog(this, "Father
name only 50 characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}
```

```
if (!(letterPattern.matcher(f6).matches())) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Father's Name",
"Error", JOptionPane.ERROR_MESSAGE);}

matcherPhone = patternPhone.matcher(f7);if (!matcherPhone.matches()) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Father Contact No
only 6 to 10 digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (f9.length() > 50) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Mother name only 50 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(f9).matches())) {sFlag = 1;

JOptionPane.showMessageDialog(this, "Invalid Mother's Name", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherPhone = patternPhone.matcher(f10);if (!matcherPhone.matches()) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Mother Contact No
only 6 to 10 digits", "Error", JOptionPane.ERROR_MESSAGE);}

matcherFees = patternFees.matcher(f17);if (!matcherFees.matches()) {

sFlag = 1;JOptionPane.showMessageDialog(this, "Invalid Fees only 2 to 6
digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (f12.length() > 100) {JOptionPane.showMessageDialog(this, "Address only
100 characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (sFlag == 0) {saveStudentData();}}}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
try {FileReader file6 = new FileReader("admissionid.dll");

char data6[] = new char[10];int charsread6 = file6.read(data6);

String num2 = new String(data6, 0, charsread6);file6.close();

anid = 1 + Integer.parseInt(num2);aid = String.valueOf(anid);

admissionText.setText(aid);}catch (IOException | NumberFormatException f)
{}sdob.setCalendar(null);admissionDate.setCalendar(null);
```

```
sLastNameText.setText("");sFirstNameText.setText("");rollText.setText("");
class2.setSelectedIndex(0);
sFatherText.setText("");sFatherContact.setText("");
fatherOccupation.setSelectedIndex(0);sMotherText.setText("");
sMotherContactText.setText("");motherOccupation.setSelectedIndex(0);
sMale.setSelected(true);ff13 = "Male";sAddressText.setText("");
caste.setSelectedIndex(0);feesText.setText("");}
private void feesTextFocusLost(java.awt.event.FocusEvent evt) {
String check = feesText.getText().trim();if (!check.isEmpty()) {
matcherFees = patternFees.matcher(check);if (!matcherFees.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Fees only 2 to 6 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void sAddressTextFocusLost(java.awt.event.FocusEvent evt) {
String check = sAddressText.getText().trim();if (check.length() > 100) {
JOptionPane.showMessageDialog(this, "Only 100 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}}
private void casteActionPerformed(java.awt.event.ActionEvent evt) {}
private void casteItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {
ff14 = (String) evt.getItem();}}
private void sFemaleItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == sFemale) {ff13 = "Female";}}
private void sMaleItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == sMale) {ff13 = "Male";}}
private void motherOccupationActionPerformed(java.awt.event.ActionEvent
evt){}
```

```
private void motherOccupationItemStateChanged(java.awt.event.ItemEvent
evt) {  if (evt.getStateChange() == ItemEvent.SELECTED) {

ff11 = (String) evt.getItem();}}

private void sMotherTextFocusLost(java.awt.event.FocusEvent evt) {

String check = sMotherText.getText().trim();if (check.length() > 50) {

JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {

JOptionPane.showMessageDialog(this, "Invalid Mother's Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void sMotherContactTextFocusLost(java.awt.event.FocusEvent evt) {

String check = sMotherContactText.getText().trim();

if (!check.isEmpty()) {matcherPhone = patternPhone.matcher(check);

if (!matcherPhone.matches()) {JOptionPane.showMessageDialog(this, "Invalid
Mother Contact No only 6 to 10 digits", "Error",

JOptionPane.ERROR_MESSAGE);}}}

private void fatherOccupationActionPerformed(java.awt.event.ActionEvent
evt) { }

private void fatherOccupationItemStateChanged(java.awt.event.ItemEvent
evt) {  if (evt.getStateChange() == ItemEvent.SELECTED) {

ff8 = (String) evt.getItem();}}

private void sFatherContactFocusLost(java.awt.event.FocusEvent evt) {

String check = sFatherContact.getText().trim();if (!check.isEmpty()) {

matcherPhone = patternPhone.matcher(check);if (!matcherPhone.matches())
{JOptionPane.showMessageDialog(this, "Invalid Father Contact No only 6 to
10 digits", "Error", JOptionPane.ERROR_MESSAGE);}}}

private void sFatherTextFocusLost(java.awt.event.FocusEvent evt) {

String check = sFatherText.getText().trim();if (check.length() > 50) {
```

```
JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {

JOptionPane.showMessageDialog(this, "Invalid Father's Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void class2ItemStateChanged(java.awt.event.ItemEvent evt) {

if (evt.getStateChange() == ItemEvent.SELECTED) {ff5 = (String)
evt.getItem();}}

private void sLastNameTextFocusLost(java.awt.event.FocusEvent evt) {

String check = sLastNameText.getText().trim();if (check.length() > 20) {

JOptionPane.showMessageDialog(this, "Only 20 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {

JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void rollTextFocusLost(java.awt.event.FocusEvent evt) {

String check = rollText.getText().trim();if (!check.isEmpty()) {

matcherRollNo = patternRollNo.matcher(check);

if (!matcherRollNo.matches()) {

JOptionPane.showMessageDialog(this, "Invalid Roll No only 1 to 3 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}

private void sFirstNameTextFocusLost(java.awt.event.FocusEvent evt) {

String check = sFirstNameText.getText().trim();if (check.length() > 30) {

JOptionPane.showMessageDialog(this, "Only 30 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {

JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
```

```
private void admissionTextFocusLost(java.awt.event.FocusEvent evt) {
String check = admissionText.getText().trim();if (!check.isEmpty()) {
matcherAdmissionId = patternAdmissionId.matcher(check);
if (!matcherAdmissionId.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Admission No only 4 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}}}
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
int flag5 = 0;in = JOptionPane.showInputDialog(this, "Please Enter Staff ID");
in = in.trim();if (!in.isEmpty()) {try {
conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();
rs2 = stm2.executeQuery("Select staff_id from staff_table");
while (rs2.next()) {if (in.equals(rs2.getString(1))) {flag5 = 1;break;}}
conn.close();} catch (SQLException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}if (flag5 == 1) {try {
conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();
rs2 = stm2.executeQuery("SELECT  *  FROM staff_table WHERE staff_id=" + in
+ " ");while (rs2.next()) {idText1.setText(rs2.getString(1));
fNameText1.setText(rs2.getString(2));lNameText1.setText(rs2.getString(3));
String date = rs2.getString(4);String date3 = rs2.getString(12);
try {java.util.Date date2 = new SimpleDateFormat("dd-MM-
yyyy").parse(date);dobText1.setDate(date2);
java.util.Date date4 = new SimpleDateFormat("dd-MM-yyyy").parse(date3);
joiningText1.setDate(date4);} catch (ParseException dd) {}
```

```
phoneText1.setText(rs2.getString(5));fatherText1.setText(rs2.getString(6));
String radio = rs2.getString(7);if (radio.equals("Male")) {
male1.setSelected(true);} else {female1.setSelected(true);}
emailText1.setText(rs2.getString(8));
qualification1.setSelectedItem(rs2.getString(9));
designation1.setSelectedItem(rs2.getString(10));
salaryText1.setText(rs2.getString(11));
addressText1.setText(rs2.getString(13));
status.setSelectedItem(rs2.getString(14));}conn.close();} catch (SQLException
p) {JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE);}} else
{JOptionPane.showMessageDialog(this, "Field is empty", "Error",
JOptionPane.ERROR_MESSAGE);}}
private void statusItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {uss11 = (String)
evt.getItem();}}
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
dobText1.setCalendar(null);joiningText1.setCalendar(null);
idText1.setText("");fNameText1.setText("");
lNameText1.setText("");phoneText1.setText("");fatherText1.setText("");
male1.setSelected(true);uss7 = "Male";emailText1.setText("");
qualification1.setSelectedIndex(0);designation1.setSelectedIndex(0);
salaryText1.setText("");addressText1.setText("");
status.setSelectedIndex(0);}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
us1 = "";us2 = "";us3 = "";us4 = "";us5 = "";us6 = "";us7 = "";us8 = "";us9 = "";

us10 = "";us11 = "";us12 = "";us13 = "";us14 = "";int flag2 = 0;int flag9 = 0;

us1 = idText1.getText().trim();us2 = fNameText1.getText().trim();

us3 = lNameText1.getText().trim();us4 = ((JTextField)
dobText1.getDateEditor().getUiComponent()).getText().trim();

us5 = phoneText1.getText().trim();us6 = fatherText1.getText().trim();

us7 = uss7;us8 = emailText1.getText().trim();us9 = uss9;

us10 = uss10;us11 = salaryText1.getText().trim();us12 = ((JTextField)
joiningText1.getDateEditor().getUiComponent()).getText().trim();

us13 = addressText1.getText().trim();us14 = uss11;

if (us1.isEmpty() || us2.isEmpty() || us3.isEmpty() || us4 == "null" ||
us5.isEmpty() || us6.isEmpty() || us7.isEmpty() || us8.isEmpty() ||
us9.isEmpty() || us10.isEmpty() || us11.isEmpty() || us12 == "null" ||
us13.isEmpty() || us14.isEmpty()) {

JOptionPane.showMessageDialog(this, "Some field is empty !", "Error",
JOptionPane.ERROR_MESSAGE);} else { if (us2.length() > 30) {flag9 = 1;

JOptionPane.showMessageDialog(this, "First name only 30 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (us3.length() > 20) {flag9 = 1;JOptionPane.showMessageDialog(this, "Last
name only 20 characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (us6.length() > 50) {flag9 = 1;JOptionPane.showMessageDialog(this,
"Father's name only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (us8.length() > 50) {flag9 = 1;

JOptionPane.showMessageDialog(this, "E-mail only 50 characters allowed",
"Error", JOptionPane.ERROR_MESSAGE);}if (us13.length() > 100) {

flag9 = 1;JOptionPane.showMessageDialog(this, "Address only 100 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}

matcherId = patternId.matcher(us1);if (!matcherId.matches()) {flag9 = 1;
```

```
JOptionPane.showMessageDialog(this, "Invalid Staff id only 4 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(us2).matches())) {flag9 = 1;

JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}if (!(letterPattern.matcher(us3).matches()))
{flag9 = 1;JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}matcherPhone =
patternPhone.matcher(us5);if (!matcherPhone.matches()) {

flag9 = 1;JOptionPane.showMessageDialog(this, "Invalid Phone No only 6 to
10 digits", "Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(us6).matches())) {flag9 = 1;

JOptionPane.showMessageDialog(this, "Invalid Father's & Husband's Name",
"Error", JOptionPane.ERROR_MESSAGE);}matcher = pattern.matcher(us8);

if (!matcher.matches()) {flag9 = 1;

JOptionPane.showMessageDialog(this, "Invalid E-mail ID", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherSalary = patternSalary.matcher(us11);if (!matcherSalary.matches()) {

flag9 = 1;JOptionPane.showMessageDialog(this, "Invalid Salary only 4 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);}if (flag9 == 0) {

updateStaffData();}}}

private void addressText1FocusLost(java.awt.event.FocusEvent evt) {

String check = addressText1.getText().trim();if (check.length() > 100) {

JOptionPane.showMessageDialog(this, "Only 100 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}}

private void salaryText1FocusLost(java.awt.event.FocusEvent evt) {

String check = salaryText1.getText().trim();if (!check.isEmpty()) {

matcherSalary = patternSalary.matcher(check);if (!matcherSalary.matches())
{JOptionPane.showMessageDialog(this, "Invalid Salary only 4 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
```

```
private void designation1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {uss10 = (String)
evt.getItem();}}
private void qualification1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getStateChange() == ItemEvent.SELECTED) {
uss9 = (String) evt.getItem();}}
private void emailText1FocusLost(java.awt.event.FocusEvent evt) {
String check = emailText1.getText().trim();if (check.length() > 50) {
JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
matcher = pattern.matcher(check);if (!matcher.matches()) {
JOptionPane.showMessageDialog(this, "Invalid E-mail ID", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void female1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == female1) {uss7 = "Female";}}
private void male1ItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == male1) {uss7 = "Male";}}
private void fatherText1FocusLost(java.awt.event.FocusEvent evt) {
String check = fatherText1.getText().trim();if (check.length() > 50) {
JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid Father's & Husband's Name",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void phoneText1FocusLost(java.awt.event.FocusEvent evt) {
String check = phoneText1.getText().trim();if (!check.isEmpty()) {
matcherPhone = patternPhone.matcher(check);
```

```
if (!matcherPhone.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Phone No only 6 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void lNameText1FocusLost(java.awt.event.FocusEvent evt) {
String check = lNameText1.getText().trim();if (check.length() > 20) {
JOptionPane.showMessageDialog(this, "Only 20 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void fNameText1FocusLost(java.awt.event.FocusEvent evt) {
String check = fNameText1.getText().trim();
if (check.length() > 30) {JOptionPane.showMessageDialog(this, "Only 30
characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}
if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void idText1FocusLost(java.awt.event.FocusEvent evt) {
String check = idText1.getText().trim();if (!check.isEmpty()) {
matcherId = patternId.matcher(check);if (!matcherId.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Staff id only 4 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
try {FileReader file5 = new FileReader("uniqueId.dll");
char data5[] = new char[10];int charsread5 = file5.read(data5);
String num = new String(data5, 0, charsread5);file5.close();
nid = 1 + Integer.parseInt(num);id = String.valueOf(nid);idText.setText(id);
```

```
} catch (IOException | NumberFormatException e) {}
fNameText.setText("");lNameText.setText("");dobText.setCalendar(null);
joiningText.setCalendar(null);phoneText.setText("");fatherText.setText("");
male.setSelected(true);ss7 = "Male";emailText.setText("");
qualification.setSelectedIndex(0);designation.setSelectedIndex(0);
salaryText.setText("");addressText.setText("");}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
s1 = "";s2 = "";s3 = "";s4 = "";s5 = "";s6 = "";s7 = "";s8 = "";s9 = "";s10 = "";
s11 = "";s12 = "";s13 = "";int flag = 0;s1 = idText.getText().trim();
s2 = fNameText.getText().trim();s3 = lNameText.getText().trim();
s4 = ((JTextField)
dobText.getDateEditor().getUiComponent()).getText().trim();
s5 = phoneText.getText().trim();s6 = fatherText.getText().trim();
s7 = ss7;s8 = emailText.getText().trim();
s9 = ss9;s10 = ss10;s11 = salaryText.getText().trim();
s12 = ((JTextField)
joiningText.getDateEditor().getUiComponent()).getText().trim();
s13 = addressText.getText().trim();if (s1.isEmpty() || s2.isEmpty() ||
s3.isEmpty() || s4.isEmpty() || s5.isEmpty() || s6.isEmpty() || s7.isEmpty() ||
s8.isEmpty() || s9.isEmpty() || s10.isEmpty() || s11.isEmpty() || s12.isEmpty()
|| s13.isEmpty()) {
JOptionPane.showMessageDialog(this, "Some field is empty !", "Error",
JOptionPane.ERROR_MESSAGE);} else {try {
conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();
rs2 = stm2.executeQuery("Select staff_id from staff_table");while (rs2.next()) {
if (s1.equals(rs2.getString(1))) {flag = 1;
```

```
JOptionPane.showMessageDialog(this, "Staff id already exists", "Error",
JOptionPane.ERROR_MESSAGE);break;}}conn.close();} catch (SQLException
ep) {JOptionPane.showMessageDialog(this, ep, "Error",
JOptionPane.ERROR_MESSAGE);}

 if (s2.length() > 30) {flag = 1;JOptionPane.showMessageDialog(this, "First
name only 30 characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (s3.length() > 20) {flag = 1;

JOptionPane.showMessageDialog(this, "Last name only 20 characters
allowed", "Error", JOptionPane.ERROR_MESSAGE);}if (s6.length() > 50) {

flag = 1;JOptionPane.showMessageDialog(this, "Father's name only 50
characters allowed", "Error", JOptionPane.ERROR_MESSAGE);}

if (s8.length() > 50) {flag = 1;

JOptionPane.showMessageDialog(this, "E-mail only 50 characters allowed",
"Error", JOptionPane.ERROR_MESSAGE);}

if (s13.length() > 100) {flag = 1;

JOptionPane.showMessageDialog(this, "Address only 100 characters allowed",
"Error", JOptionPane.ERROR_MESSAGE);}matcherId = patternId.matcher(s1);

if (!matcherId.matches()) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid Staff id only 4 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(s2).matches())) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}

if (!(letterPattern.matcher(s3).matches())) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}matcherPhone = patternPhone.matcher(s5);

if (!matcherPhone.matches()) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid Phone No only 6 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}
```

```
if (!(letterPattern.matcher(s6).matches())) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid Father's & Husband's Name",
"Error", JOptionPane.ERROR_MESSAGE);}matcher = pattern.matcher(s8);

if (!matcher.matches()) {flag = 1;

JOptionPane.showMessageDialog(this, "Invalid E-mail ID", "Error",
JOptionPane.ERROR_MESSAGE);}

matcherSalary = patternSalary.matcher(s11);if (!matcherSalary.matches()) {

flag = 1;JOptionPane.showMessageDialog(this, "Invalid Salary only 4 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);}if (flag == 0) {saveData();}}}

private void addressTextFocusLost(java.awt.event.FocusEvent evt) {

String check = addressText.getText().trim();if (check.length() > 100) {

JOptionPane.showMessageDialog(this, "Only 100 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}}

private void salaryTextFocusLost(java.awt.event.FocusEvent evt) {

String check = salaryText.getText().trim();if (!check.isEmpty())
{matcherSalary = patternSalary.matcher(check);if (!matcherSalary.matches())
{JOptionPane.showMessageDialog(this, "Invalid Salary only 4 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}

private void designationItemStateChanged(java.awt.event.ItemEvent evt) {

if (evt.getStateChange() == ItemEvent.SELECTED) {

ss10 = (String) evt.getItem();}}

private void qualificationItemStateChanged(java.awt.event.ItemEvent evt) {

if (evt.getStateChange() == ItemEvent.SELECTED) {

ss9 = (String) evt.getItem();}}

private void emailTextFocusLost(java.awt.event.FocusEvent evt) {

String check = emailText.getText().trim();if (check.length() > 50) {

JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
```

```
matcher = pattern.matcher(check);if (!matcher.matches()) {
JOptionPane.showMessageDialog(this, "Invalid E-mail ID", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void phoneTextFocusLost(java.awt.event.FocusEvent evt) {
String check = phoneText.getText().trim();if (!check.isEmpty()) {
matcherPhone = patternPhone.matcher(check);if (!matcherPhone.matches())
{JOptionPane.showMessageDialog(this, "Invalid Phone No only 6 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void femaleItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == female) {ss7 = "Female";}}
private void maleItemStateChanged(java.awt.event.ItemEvent evt) {
if (evt.getItemSelectable() == male) {ss7 = "Male";}}
private void fatherTextFocusLost(java.awt.event.FocusEvent evt) {
String check = fatherText.getText().trim();if (check.length() > 50) {
JOptionPane.showMessageDialog(this, "Only 50 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}
if (!check.isEmpty()) {if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid Father's & Husband's Name",
"Error", JOptionPane.ERROR_MESSAGE);}}}
private void lNameTextFocusLost(java.awt.event.FocusEvent evt) {
String check = lNameText.getText().trim();if (check.length() > 20) {
JOptionPane.showMessageDialog(this, "Only 20 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {
if (!(letterPattern.matcher(check).matches())) {
JOptionPane.showMessageDialog(this, "Invalid Last Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}
private void fNameTextFocusLost(java.awt.event.FocusEvent evt) {
```

```
String check = fNameText.getText().trim();if (check.length() > 30) {

JOptionPane.showMessageDialog(this, "Only 30 characters allowed", "Error",
JOptionPane.ERROR_MESSAGE);}if (!check.isEmpty()) {

if (!(letterPattern.matcher(check).matches()))
{JOptionPane.showMessageDialog(this, "Invalid First Name", "Error",
JOptionPane.ERROR_MESSAGE);}}}

private void idTextFocusLost(java.awt.event.FocusEvent evt) {
String check = idText.getText().trim();if (!check.isEmpty()) {

matcherId = patternId.matcher(check);if (!matcherId.matches()) {

JOptionPane.showMessageDialog(this, "Invalid Staff id only 4 to 10 digits",
"Error", JOptionPane.ERROR_MESSAGE);}}}

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {

StaffTable staffTable = new StaffTable();staffTable.setVisible(true);}

private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {

StudentTable studentTable = new StudentTable();

studentTable.setVisible(true);}

private void miniMouseClicked(java.awt.event.MouseEvent evt) {
setState(ICONIFIED);}

private void xMouseClicked(java.awt.event.MouseEvent evt) {
System.exit(0);}

private void jPanel1MouseClicked(java.awt.event.MouseEvent evt) {
xx = 0;yy = 0;xx = evt.getX();yy = evt.getY();}

private void jPanel1MouseDragged(java.awt.event.MouseEvent evt) {
int x = evt.getXOnScreen();int y = evt.getYOnScreen();

this.setLocation(x - xx, y - yy);}

private void jTabbedPane2MouseClicked(java.awt.event.MouseEvent evt) {

xx = evt.getX();yy = evt.getY();}

private void jTabbedPane2MouseDragged(java.awt.event.MouseEvent evt) {
```

```
int x = evt.getXOnScreen();int y = evt.getYOnScreen();
this.setLocation(x - xx, y - yy);}
private void xMouseEntered(java.awt.event.MouseEvent evt) {
x.setForeground(Color.red);}
private void xMouseExited(java.awt.event.MouseEvent evt) {
x.setForeground(Color.black);}
private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {
PrintStaff printStaff = new PrintStaff();printStaff.setVisible(true);}
private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {
PrintStudent printStudent = new PrintStudent();printStudent.setVisible(true);
}private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {
PrintStudentTable printst = new PrintStudentTable();printst.setVisible(true);}
private void jButton17ActionPerformed(java.awt.event.ActionEvent evt) {
PrintStaffTable printStaffTable = new PrintStaffTable();
printStaffTable.setVisible(true);}
private void LogoutActionPerformed(java.awt.event.ActionEvent evt) {
Login login = new Login();login.setVisible(true);dispose();}
private void feeClassActionPerformed(java.awt.event.ActionEvent evt)
{} private void feeAdmissionActionPerformed(java.awt.event.ActionEvent evt)
{}  private void feeRollActionPerformed(java.awt.event.ActionEvent evt) {  }
private void btnSubmitActionPerformed(java.awt.event.ActionEvent evt) {
fees1 = "";fees2 = "";fees3 = "";fees4 = "";fees5 = "";fees6 = "";fees7 = "";
fees8 = "";fees9 = "0";fees10 = "0";fees11 = "0";fees12 = "0";fees13 = "";
int flag = 0;fees1 = sNText.getText().trim();
fees2 = feeStudent.getText().trim();fees3 = feeClass.getText();fees4 =
feeFather.getText();fees5 = feeRoll.getText();fees6 = feeAdmission.getText();
```

```
fees7 = ((JTextField)
feeDate.getDateEditor().getUiComponent()).getText().trim();
fees8 = tuitionFee.getText().trim();fees9 = lateFee.getText().trim();
fees10 = annualFee.getText().trim();fees11 = otherFee.getText().trim();
fees12 = admissionFee.getText().trim();fees13 = totalFee.getText().trim();
if (fees1.isEmpty() || fees2.isEmpty() || fees3.isEmpty() || fees4.isEmpty() ||
fees5.isEmpty() || fees6.isEmpty() || fees7.isEmpty() || fees8.isEmpty() ||
fees13.isEmpty()) {JOptionPane.showMessageDialog(this, "Some textfield is
empty", "Error", JOptionPane.ERROR_MESSAGE);} else {
if (fees13.equals("0")) {flag = 1;
JOptionPane.showMessageDialog(this, "Invalid total fee 0 ", "Error",
JOptionPane.ERROR_MESSAGE);}
matcherFee1 = patternFee1.matcher(fees1);if (!matcherFee1.matches()) {
flag = 1;JOptionPane.showMessageDialog(this, "Invalid S.No only 1 to 10
digits", "Error", JOptionPane.ERROR_MESSAGE);}
matcherFee2 = patternFee2.matcher(fees8);if (!matcherFee2.matches()) {
flag = 1;JOptionPane.showMessageDialog(this, "Invalid Tuition fee only 1 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);}
matcherFee3 = patternFee3.matcher(fees9);if (!matcherFee3.matches()) {
flag = 1;JOptionPane.showMessageDialog(this, "Invalid Late fee only 1 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);}
matcherFee4 = patternFee4.matcher(fees10);if (!matcherFee4.matches()) {
flag = 1;JOptionPane.showMessageDialog(this, "Invalid Annual Charge only 1
to 8 digits", "Error", JOptionPane.ERROR_MESSAGE);}
matcherFee5 = patternFee5.matcher(fees11);if (!matcherFee5.matches()) {
flag = 1;JOptionPane.showMessageDialog(this, "Invalid Other Charge only 1 to
8 digits", "Error", JOptionPane.ERROR_MESSAGE);}
matcherFee6 = patternFee6.matcher(fees12);if (!matcherFee6.matches()) {
```

```
flag = 1;JOptionPane.showMessageDialog(this, "Invalid Admission fee only 1
to 8 digits", "Error", JOptionPane.ERROR_MESSAGE);}

matcherFee7 = patternFee7.matcher(fees13);if (!matcherFee7.matches()) {

flag = 1;JOptionPane.showMessageDialog(this, "Invalid Total only 1 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);}if (flag == 0) {

try {String query2 = "CREATE TABLE " + monthYear + " (s_no VARCHAR(10),
name VARCHAR(50), class2 VARCHAR(8), father_name VARCHAR(50), roll_no
VARCHAR(4), admission_no VARCHAR(10), date2 VARCHAR(12), tuition_fee
VARCHAR(8), late_fee VARCHAR(8), annual_fee VARCHAR(8), other_fee
VARCHAR(8), admission_fee VARCHAR(8), total VARCHAR(8) , PRIMARY KEY
(admission_no))";Class.forName("com.mysql.cj.jdbc.Driver");

conpaid = DriverManager.getConnection(url, username, password);

preparedStmt = conpaid.prepareStatement(query2);

preparedStmt.execute();conpaid.close();insertData();} catch (Exception e) {

insertData();}}}}

private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {

int flag5 = 0;fin = JOptionPane.showInputDialog(this, "Please Enter Admission
No");fin = fin.trim();if (!fin.isEmpty()) {try {

conn = DriverManager.getConnection(url, username, password);

stm2 = conn.createStatement();

rs2 = stm2.executeQuery("Select admission_no from students_table");

while (rs2.next()) {if (fin.equals(rs2.getString(1))) {flag5 = 1;break;}}

conn.close();} catch (SQLException e) {JOptionPane.showMessageDialog(this,
e, "Error", JOptionPane.ERROR_MESSAGE);}if (flag5 == 1) {try {

conn = DriverManager.getConnection(url, username, password);

stm2 = conn.createStatement();rs2 = stm2.executeQuery("SELECT  *  FROM
students_table WHERE admission_no=" + fin + " ");while (rs2.next()) {

feeAdmission.setText(rs2.getString(1));
```

```
String fullN = rs2.getString(2) + " " + rs2.getString(3);
feeStudent.setText(fullN);feeRoll.setText(rs2.getString(4));
feeClass.setText(rs2.getString(5));feeFather.setText(rs2.getString(6));}
conn.close();} catch (SQLException p) {
JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Field is empty", "Error",
JOptionPane.ERROR_MESSAGE);}}
private void jButton19ActionPerformed(java.awt.event.ActionEvent evt) {
try {FileReader file7 = new FileReader("fees.dll");char data7[] = new char[10];
int charsread7 = file7.read(data7);
String num7 = new String(data7, 0, charsread7);file7.close();
fnid = 1 + Integer.parseInt(num7);fid = String.valueOf(fnid);
} catch (IOException | NumberFormatException e) {}sNText.setText(fid);
feeStudent.setText("");feeClass.setText("");feeFather.setText("");
feeRoll.setText("");feeAdmission.setText("");feeDate.setCalendar(null);
tuitionFee.setText("0");lateFee.setText("0");annualFee.setText("0");
otherFee.setText("0");admissionFee.setText("0");totalFee.setText("0");}
private void tuitionFeeKeyReleased(java.awt.event.KeyEvent evt) {
String k1 = tuitionFee.getText().trim();if (!k1.isEmpty()) {
matcherFee2 = patternFee2.matcher(k1);if (!matcherFee2.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Tuition fee only 1 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);tuitionFee.setText("0");} else {
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
```

```
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}}
private void lateFeeKeyReleased(java.awt.event.KeyEvent evt) {
String k1 = lateFee.getText().trim();if (!k1.isEmpty()) {
matcherFee2 = patternFee2.matcher(k1);if (!matcherFee2.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Late fee only 1 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);lateFee.setText("0");} else {
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;
String to = String.valueOf(t);totalFee.setText(to);}}}
private void annualFeeKeyReleased(java.awt.event.KeyEvent evt) {
String k1 = annualFee.getText().trim();if (!k1.isEmpty()) {
matcherFee2 = patternFee2.matcher(k1);if (!matcherFee2.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Annual fee only 1 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);annualFee.setText("0");} else {
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
```

```
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}}
private void otherFeeKeyReleased(java.awt.event.KeyEvent evt) {
String k1 = otherFee.getText().trim();if (!k1.isEmpty()) {
matcherFee2 = patternFee2.matcher(k1);if (!matcherFee2.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Other fee only 1 to 8 digits",
"Error", JOptionPane.ERROR_MESSAGE);otherFee.setText("0");} else {
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}}
private void admissionFeeKeyReleased(java.awt.event.KeyEvent evt) {
String k1 = admissionFee.getText().trim();if (!k1.isEmpty()) {
matcherFee2 = patternFee2.matcher(k1);if (!matcherFee2.matches()) {
JOptionPane.showMessageDialog(this, "Invalid Admission fee only 1 to 8
digits", "Error", JOptionPane.ERROR_MESSAGE);admissionFee.setText("0");}
else {int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}}
private void admissionFeeFocusLost(java.awt.event.FocusEvent evt) {
String k1 = admissionFee.getText().trim();if (k1.isEmpty())
{admissionFee.setText("0");int i =
Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
```

```
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}
private void otherFeeFocusLost(java.awt.event.FocusEvent evt) {
String k1 = otherFee.getText().trim();if (k1.isEmpty()) {otherFee.setText("0");
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}
private void annualFeeFocusLost(java.awt.event.FocusEvent evt) {
String k1 = annualFee.getText().trim();if (k1.isEmpty())
{annualFee.setText("0");int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
int i5 = Integer.parseInt(admissionFee.getText().trim());
int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}
private void lateFeeFocusLost(java.awt.event.FocusEvent evt) {
String k1 = lateFee.getText().trim();if (k1.isEmpty()) {lateFee.setText("0");
int i = Integer.parseInt(tuitionFee.getText().trim());
int i2 = Integer.parseInt(lateFee.getText().trim());
int i3 = Integer.parseInt(annualFee.getText().trim());
int i4 = Integer.parseInt(otherFee.getText().trim());
```

```
int i5 = Integer.parseInt(admissionFee.getText().trim());

int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}
private void tuitionFeeFocusLost(java.awt.event.FocusEvent evt) {
String k1 = tuitionFee.getText().trim();if (k1.isEmpty())
{tuitionFee.setText("0");int i = Integer.parseInt(tuitionFee.getText().trim());

int i2 = Integer.parseInt(lateFee.getText().trim());

int i3 = Integer.parseInt(annualFee.getText().trim());

int i4 = Integer.parseInt(otherFee.getText().trim());

int i5 = Integer.parseInt(admissionFee.getText().trim());

int t = i + i2 + i3 + i4 + i5;String to = String.valueOf(t);totalFee.setText(to);}}
private void jButton18ActionPerformed(java.awt.event.ActionEvent evt) {
PrintPaid printPaid = new PrintPaid();printPaid.setVisible(true);}
private void jButton20ActionPerformed(java.awt.event.ActionEvent evt) {
PaidTable paidTable = new PaidTable();paidTable.setVisible(true);}
private void jButton21ActionPerformed(java.awt.event.ActionEvent evt) {
UnpaidTable unpaidTable = new UnpaidTable();unpaidTable.setVisible(true);

}private void newMonthItemStateChanged(java.awt.event.ItemEvent evt) {

if (evt.getStateChange() == ItemEvent.SELECTED) {

newMonths1 = (String) evt.getItem();}}

private void newYearItemStateChanged(java.awt.event.ItemEvent evt) {

if (evt.getStateChange() == ItemEvent.SELECTED) {

newYears2 = (String) evt.getItem();}}

private void jButton23ActionPerformed(java.awt.event.ActionEvent evt) {

ShowTable showTable = new ShowTable(newMonths1 + newYears2);

showTable.setVisible(true);}public void insertData() {try {

Class.forName("com.mysql.cj.jdbc.Driver");conpaid =
DriverManager.getConnection("jdbc:mysql://localhost:3306/navyug_databas
e?useSSL=false", username, password);
```

```
stm = conpaid.prepareStatement("insert into " + monthYear + "
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?)");stm.setString(1, fees1);stm.setString(2, fees2);

stm.setString(3, fees3);stm.setString(4, fees4);stm.setString(5, fees5);

stm.setString(6, fees6);stm.setString(7, fees7);stm.setString(8, fees8);

stm.setString(9, fees9);stm.setString(10, fees10);stm.setString(11, fees11);

stm.setString(12, fees12);stm.setString(13, fees13);stm.executeUpdate();

JOptionPane.showMessageDialog(this, "Fees submited successfully",
"Success", JOptionPane.INFORMATION_MESSAGE);try {

FileWriter fileadmin = new FileWriter("fees.dll");fileadmin.write(fees1);

fileadmin.close();FileReader file55 = new FileReader("fees.dll");

char data55[] = new char[10];int charsread55 = file55.read(data55);

String num7 = new String(data55, 0, charsread55);file55.close();

fnid = 1 + Integer.parseInt(num7);fid = String.valueOf(fnid);

sNText.setText(fid);} catch (IOException f) {}feeStudent.setText("");

feeClass.setText("");feeFather.setText("");feeRoll.setText("");

feeAdmission.setText("");feeDate.setCalendar(null);tuitionFee.setText("0");

lateFee.setText("0");annualFee.setText("0");otherFee.setText("0");

admissionFee.setText("0");totalFee.setText("0");conpaid.close();

} catch (ClassNotFoundException | SQLException e) {

JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}}private void saveData() {try {
conn = DriverManager.getConnection(url, username, password);
stm = conn.prepareStatement("insert into staff_table
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?)");stm.setString(1, s1);stm.setString(2, s2);

stm.setString(3, s3);stm.setString(4, s4);stm.setString(5, s5);

stm.setString(6, s6);stm.setString(7, s7);stm.setString(8, s8);

stm.setString(9, s9);stm.setString(10, s10);stm.setString(11, s11);
```

```
stm.setString(12, s12);stm.setString(13, s13);stm.setString(14, "Active");
stm.executeUpdate();JOptionPane.showMessageDialog(this, "Data Saved
successfully", "Success", JOptionPane.INFORMATION_MESSAGE);try {
FileWriter file3 = new FileWriter("uniqueId.dll");file3.write(s1);
file3.close();FileReader file5 = new FileReader("uniqueId.dll");
char data5[] = new char[10];int charsread5 = file5.read(data5);
String num = new String(data5, 0, charsread5);file5.close();
nid = 1 + Integer.parseInt(num);id = String.valueOf(nid);
idText.setText(id);} catch (IOException f) {}dobText.setCalendar(null);
joiningText.setCalendar(null);fNameText.setText("");lNameText.setText("");
phoneText.setText("");fatherText.setText("");male.setSelected(true);
ss7 = "Male";emailText.setText("");qualification.setSelectedIndex(0);
designation.setSelectedIndex(0);salaryText.setText("");
addressText.setText("");conn.close();} catch (HeadlessException |
SQLException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}}private void updateStaffData() {try {
conn = DriverManager.getConnection(url, username, password);
PreparedStatement ps = conn.prepareStatement("UPDATE staff_table SET
staff_id = ?,first_name = ?, last_name = ?, dob1 = ?, phone_no = ?, father_name =
?, gender = ? , email_id = ? ,qualification = ?, designation = ?, salary = ?,
joining_date = ? , address = ?, status = ? WHERE staff_id = " + us1 + " ");
ps.setString(1, us1);ps.setString(2, us2);ps.setString(3, us3);
ps.setString(4, us4);ps.setString(5, us5);ps.setString(6, us6);
ps.setString(7, us7);ps.setString(8, us8);ps.setString(9, us9);
ps.setString(10, us10);ps.setString(11, us11);ps.setString(12, us12);
ps.setString(13, us13);ps.setString(14, us14);
ps.executeUpdate();
```

```
JOptionPane.showMessageDialog(this, "Data Updated successfully", "Success",
JOptionPane.INFORMATION_MESSAGE);ps.close();conn.close();

dobText1.setCalendar(null);joiningText1.setCalendar(null);

idText1.setText("");fNameText1.setText("");lNameText1.setText("");

phoneText1.setText("");fatherText1.setText("");male1.setSelected(true);

uss7 = "Male";emailText1.setText("");qualification1.setSelectedIndex(0);

designation1.setSelectedIndex(0);salaryText1.setText("");

addressText1.setText("");status.setSelectedIndex(0);

} catch (SQLException se) {JOptionPane.showMessageDialog(this, se, "Error",
JOptionPane.ERROR_MESSAGE);}}private void saveStudentData() {try {
conn = DriverManager.getConnection(url, username, password);

stm = conn.prepareStatement("insert into students_table
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)");stm.setString(1, f1);stm.setString(2, f2);

stm.setString(3, f3);stm.setString(4, f4);stm.setString(5, f5);

stm.setString(6, f6);stm.setString(7, f7);stm.setString(8, f8);

stm.setString(9, f9);stm.setString(10, f10);stm.setString(11, f11);

stm.setString(12, f12);stm.setString(13, f13);stm.setString(14, f14);

stm.setString(15, f15);stm.setString(16, f16);stm.setString(17, f17);

stm.setString(18, "Active");stm.executeUpdate();

JOptionPane.showMessageDialog(this, "Data Saved successfully", "Success",
JOptionPane.INFORMATION_MESSAGE);try {

FileWriter fileadmin = new FileWriter("admissionid.dll");fileadmin.write(f1);

fileadmin.close();FileReader file55 = new FileReader("admissionid.dll");

char data55[] = new char[10];int charsread55 = file55.read(data55);

String num = new String(data55, 0, charsread55);file55.close();

anid = 1 + Integer.parseInt(num);aid = String.valueOf(anid);

admissionText.setText(aid);} catch (IOException f) {}
```

```
sdob.setCalendar(null);admissionDate.setCalendar(null);

sLastNameText.setText("");sFirstNameText.setText("");rollText.setText("");

class2.setSelectedIndex(0);sFatherText.setText("");
sFatherContact.setText("");fatherOccupation.setSelectedIndex(0);

sMotherText.setText("");sMotherContactText.setText("");

motherOccupation.setSelectedIndex(0);sMale.setSelected(true);ff13 = "Male";

sAddressText.setText("");caste.setSelectedIndex(0);feesText.setText("");

conn.close();} catch (HeadlessException | SQLException e) {

JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}}private void updateStudentDate() {

try {conn = DriverManager.getConnection(url, username, password);

PreparedStatement ps = conn.prepareStatement("UPDATE students_table SET
admission_no = ?,first_name = ?, last_name = ?, roll_no = ?, class2 = ?,
father_name = ?, father_no = ? , father_occupation = ? ,mother_name = ?,
mother_no = ?, mother_occupation = ?, address = ? , gender = ?, caste = ? , dob
= ? , admission_date = ? , fees = ? , status = ? WHERE admission_no = " + uf1 + "
");ps.setString(1, uf1);ps.setString(2, uf2);ps.setString(3, uf3);

ps.setString(4, uf4);ps.setString(5, uf5);ps.setString(6, uf6);
ps.setString(7, uf7);ps.setString(8, uf8);ps.setString(9, uf9);

ps.setString(10, uf10);ps.setString(11, uf11);ps.setString(12, uf12);

ps.setString(13, uf13);ps.setString(14, uf14);ps.setString(15, uf15);

ps.setString(16, uf16);ps.setString(17, uf17);ps.setString(18, uf18);

ps.executeUpdate();JOptionPane.showMessageDialog(this, "Data Updeted
successfully", "Success", JOptionPane.INFORMATION_MESSAGE);

admissionText1.setText("");sdob1.setCalendar(null);

admissionDate1.setCalendar(null);sLastNameText1.setText("");

sFirstNameText1.setText("");rollText1.setText("");class3.setSelectedIndex(0);
```

```
sFatherText1.setText("");sFatherContact1.setText("");
fatherOccupation1.setSelectedIndex(0);sMotherText1.setText("");

sMotherContactText1.setText("");motherOccupation1.setSelectedIndex(0);

sMale1.setSelected(true);uff13 = "Male";sAddressText1.setText("");

caste1.setSelectedIndex(0);studentStatus.setSelectedIndex(0);

feesText1.setText("");conn.close();} catch (SQLException se) {

JOptionPane.showMessageDialog(this, se, "Error",
JOptionPane.ERROR_MESSAGE);}}try {

for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminFrame.class.getName()).log(java.util.
logging.Level.SEVERE, null, ex)} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(AdminFrame.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(AdminFrame.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminFrame.class.getName()).log(java.util.
logging.Level.SEVERE, null, ex);}

 java.awt.EventQueue.invokeLater(new Runnable() {public void run() {

new AdminFrame().setVisible(true);}});}

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.ButtonGroup buttonGroup2;

private javax.swing.ButtonGroup buttonGroup3;

private javax.swing.ButtonGroup buttonGroup4;
```

```
private javax.swing.JButton  Logout;
private javax.swing.JTextArea addressText;
private javax.swing.JTextArea addressText1;
private com.toedter.calendar.JDateChooser admissionDate;
private com.toedter.calendar.JDateChooser admissionDate1;
private javax.swing.JTextField admissionFee;
   private javax.swing.JTextField admissionText;
   private javax.swing.JTextField admissionText1;
   private javax.swing.JTextField annualFee;
   private javax.swing.JButton btnSubmit;
   private javax.swing.JComboBox<String> caste;
   private javax.swing.JComboBox<String> caste1;
   private javax.swing.JComboBox<String> class2;
   private javax.swing.JComboBox<String> class3;
   private javax.swing.JComboBox<String> designation;
   private javax.swing.JComboBox<String> designation1;
   private com.toedter.calendar.JDateChooser dobText;
   private com.toedter.calendar.JDateChooser dobText1;
   private javax.swing.JTextField emailText;
   private  javax.swing.JTextField  emailText1;
   private  javax.swing.JTextField  fNameText;
   private javax.swing.JTextField fNameText1;
   private javax.swing.JComboBox<String> fatherOccupation;
   private javax.swing.JComboBox<String> fatherOccupation1;
   private javax.swing.JTextField fatherText;
```

```
    private javax.swing.JTextField fatherText1;
    private javax.swing.JTextField feeAdmission;
    private javax.swing.JTextField feeClass;
    private com.toedter.calendar.JDateChooser feeDate;
    private javax.swing.JTextField feeFather;
    private javax.swing.JTextField feeRoll;
private javax.swing.JTextField feeStudent;
private javax.swing.JTextField feesText;
private javax.swing.JTextField feesText1;
private javax.swing.JRadioButton female;
private javax.swing.JRadioButton female1;
private javax.swing.JTextField idText;private javax.swing.JTextField idText1;
private javax.swing.JButton jButton1;private javax.swing.JButton jButton10;
private javax.swing.JButton jButton11;private javax.swing.JButton jButton12;
private javax.swing.JButton jButton13;private javax.swing.JButton jButton14;
private javax.swing.JButton jButton15;private javax.swing.JButton jButton16;
private javax.swing.JButton jButton17;private javax.swing.JButton jButton18;
private javax.swing.JButton jButton19;private javax.swing.JButton jButton2;
private javax.swing.JButton jButton20;private javax.swing.JButton jButton21;
private javax.swing.JButton jButton23;private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;private javax.swing.JButton jButton9;
private javax.swing.JLabel jLabel10;private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;private javax.swing.JLabel jLabel15;
```

```
private javax.swing.JLabel jLabel16;private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel23;private javax.swing.JLabel jLabel24;
private javax.swing.JLabel jLabel25;private javax.swing.JLabel jLabel26;
private javax.swing.JLabel jLabel27;private javax.swing.JLabel jLabel28;
private javax.swing.JLabel jLabel29;private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel30;private javax.swing.JLabel jLabel31;
private javax.swing.JLabel jLabel32;private javax.swing.JLabel jLabel33;
private javax.swing.JLabel jLabel34;private javax.swing.JLabel jLabel35;
private javax.swing.JLabel jLabel36;private javax.swing.JLabel jLabel37;
private javax.swing.JLabel jLabel38;private javax.swing.JLabel jLabel39;
private javax.swing.JLabel jLabel4;private javax.swing.JLabel jLabel40;
private javax.swing.JLabel jLabel41;private javax.swing.JLabel jLabel42;
private javax.swing.JLabel jLabel43;private javax.swing.JLabel jLabel44;
private javax.swing.JLabel jLabel45;private javax.swing.JLabel jLabel46;
private javax.swing.JLabel jLabel47;private javax.swing.JLabel jLabel48;
private javax.swing.JLabel jLabel49;private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel50;private javax.swing.JLabel jLabel51;
private javax.swing.JLabel jLabel52;private javax.swing.JLabel jLabel53;
private javax.swing.JLabel jLabel54;private javax.swing.JLabel jLabel55;
private javax.swing.JLabel jLabel56;private javax.swing.JLabel jLabel57;
private javax.swing.JLabel jLabel58;private javax.swing.JLabel jLabel59;
private javax.swing.JLabel jLabel6;private javax.swing.JLabel jLabel60;
```

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private javax.swing.JLabel jLabel61;private javax.swing.JLabel jLabel62;
private javax.swing.JLabel jLabel63;private javax.swing.JLabel jLabel64;
private javax.swing.JLabel jLabel65;private javax.swing.JLabel jLabel66;
private javax.swing.JLabel jLabel67;private javax.swing.JLabel jLabel68;
private javax.swing.JLabel jLabel69;private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel70;private javax.swing.JLabel jLabel71;
private javax.swing.JLabel jLabel72;private javax.swing.JLabel jLabel73;
private javax.swing.JLabel jLabel74;private javax.swing.JLabel jLabel75;
private javax.swing.JLabel jLabel76;private javax.swing.JLabel jLabel77;
private javax.swing.JLabel jLabel78;private javax.swing.JLabel jLabel79;
private javax.swing.JLabel jLabel8;private javax.swing.JLabel jLabel80;
private javax.swing.JLabel jLabel81;private javax.swing.JLabel jLabel82;
private javax.swing.JLabel jLabel83;private javax.swing.JLabel jLabel84;
private javax.swing.JLabel jLabel85;private javax.swing.JLabel jLabel86;
private javax.swing.JLabel jLabel87;private javax.swing.JLabel jLabel88;
private javax.swing.JLabel jLabel89;private javax.swing.JLabel jLabel9;
private javax.swing.JLabel jLabel90;private javax.swing.JLabel jLabel91;
private javax.swing.JLabel jLabel92;private javax.swing.JLabel jLabel93;
private javax.swing.JLabel jLabel94;private javax.swing.JLabel jLabel95;
private javax.swing.JLabel jLabel96;private javax.swing.JLabel jLabel97;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel10;
private javax.swing.JPanel jPanel11;private javax.swing.JPanel jPanel12;
private javax.swing.JPanel jPanel13;private javax.swing.JPanel jPanel14;
private javax.swing.JPanel jPanel15;private javax.swing.JPanel jPanel16;
private javax.swing.JPanel jPanel17;private javax.swing.JPanel jPanel18;
```

```
private javax.swing.JPanel jPanel19;private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel20;private javax.swing.JPanel jPanel21;

private javax.swing.JPanel jPanel22;private javax.swing.JPanel jPanel23;

private javax.swing.JPanel jPanel3;private javax.swing.JPanel jPanel4;

private javax.swing.JPanel jPanel5;private javax.swing.JPanel jPanel6;

private javax.swing.JPanel jPanel7;private javax.swing.JPanel jPanel8;

private javax.swing.JPanel jPanel9;

private javax.swing.JScrollPane jScrollPane1;private javax.swing.JScrollPane
jScrollPane2;private javax.swing.JScrollPane jScrollPane3;

private javax.swing.JScrollPane jScrollPane4;private javax.swing.JSeparator
jSeparator1;private javax.swing.JTabbedPane jTabbedPane1;

private javax.swing.JTabbedPane jTabbedPane2;private
javax.swing.JTabbedPane jTabbedPane3;private javax.swing.JTabbedPane
jTabbedPane4;private javax.swing.JTabbedPane jTabbedPane6;

private com.toedter.calendar.JDateChooser joiningText;

private com.toedter.calendar.JDateChooser joiningText1;

private javax.swing.JTextField lNameText;private javax.swing.JTextField
lNameText1;private javax.swing.JTextField lateFee;

private javax.swing.JRadioButton male;private javax.swing.JRadioButton
male1;private javax.swing.JLabel mini;

private javax.swing.JComboBox<String> motherOccupation;

private javax.swing.JComboBox<String> motherOccupation1;

private javax.swing.JComboBox<String> newMonth;

private javax.swing.JComboBox<String> newYear;

private javax.swing.JTextField otherFee;private javax.swing.JTextField
phoneText;private javax.swing.JTextField phoneText1;

private javax.swing.JComboBox<String> qualification;
```

```
private javax.swing.JComboBox<String> qualification1;

private javax.swing.JTextField rollText;private javax.swing.JTextField
rollText1;private javax.swing.JTextArea sAddressText;

private javax.swing.JTextArea sAddressText1;private javax.swing.JTextField
sFatherContact;private javax.swing.JTextField sFatherContact1;

private javax.swing.JTextField sFatherText;private javax.swing.JTextField
sFatherText1;private javax.swing.JRadioButton sFemale;

private javax.swing.JRadioButton sFemale1;private javax.swing.JTextField
sFirstNameText;private javax.swing.JTextField sFirstNameText1;

private javax.swing.JTextField sLastNameText;private javax.swing.JTextField
sLastNameText1;private javax.swing.JRadioButton sMale;

private javax.swing.JRadioButton sMale1;private javax.swing.JTextField
sMotherContactText;private javax.swing.JTextField sMotherContactText1;

private javax.swing.JTextField sMotherText;private javax.swing.JTextField
sMotherText1;private javax.swing.JTextField sNText;

private javax.swing.JTextField salaryText;private javax.swing.JTextField
salaryText1;private com.toedter.calendar.JDateChooser sdob;

private com.toedter.calendar.JDateChooser sdob1;private
javax.swing.JComboBox<String> status;private
javax.swing.JComboBox<String> studentStatus;private javax.swing.JTextField
totalFee;private javax.swing.JTextField tuitionFee;

private javax.swing.JLabel x;

}
```

PaidTable.java

```
package schoolmanagementsystem;
import  java.awt.Component;
import java.awt.Font;
import java.awt.event.ItemEvent;
import java.awt.print.PrinterException;
import java.io.FileReader;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import  java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.MessageFormat;
import java.util.ArrayList;
import  java.util.Calendar;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.JTextArea;
import javax.swing.RowFilter;
import javax.swing.RowSorter;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableCellRenderer;
```

```
import javax.swing.table.TableModel;

import javax.swing.table.TableRowSorter;

import static schoolmanagementsystem.PrintStudentTable.row;

public class PaidTable extends javax.swing.JFrame {

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

String username;String password;Connection connection;Statement
statement;ResultSet resultSet;DefaultTableModel model;

static String[] row = new String[8];

String columns[] = {"S.No", "Name", "Class", "Father Name", "Roll No", "Admn
No", "Date", "Total Fee"};String array[][] = new String[0][0];

TableRowSorter<TableModel> rsorter;

String month = "";String year = "";String monthYear = "";

String monthName[] = {"jan", "feb", "mar", "apr", "may", "jun", "jul", "aug",
"sep", "oct", "nov", "dec"};

public class TextAreaRenderer extends JTextArea implements
TableCellRenderer {public TextAreaRenderer() {

setLineWrap(true);setWrapStyleWord(true);

setFont(new java.awt.Font("Cambria", Font.BOLD, 15));

setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 1));}

public Component getTableCellRendererComponent(JTable jTable, Object obj,
boolean isSelected, boolean hasFocus, int row, int column) {return this;}}

public PaidTable() {Calendar cal = Calendar.getInstance();

month = monthName[cal.get(Calendar.MONTH)];

int intYear = cal.get(Calendar.YEAR);

year = String.valueOf(intYear);monthYear = month + year;try {

FileReader file = new FileReader("user.dll");char data[] = new char[24];
```

```
int charsread = file.read(data);username = new String(data, 0, charsread);

file.close();FileReader file4 = new FileReader("pass.dll");

char data2[] = new char[24];int charsread2 = file4.read(data2);

password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns);initComponents();

class3.setFont(new java.awt.Font("Cambria", Font.BOLD, 15));

jTable1.getTableHeader().setFont(new Font("Cambria", Font.BOLD, 15));

setLocationRelativeTo(null);jTable1.getColumnModel().getColumn(0).setCell
Renderer(new PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(1).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(2).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(3).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(4).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(5).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(6).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.getColumnModel().getColumn(7).setCellRenderer(new
PaidTable.TextAreaRenderer());

jTable1.setAutoResizeMode(JTable.AUTO_RESIZE_OFF);

jTable1.getColumnModel().getColumn(0).setPreferredWidth(70);

jTable1.getColumnModel().getColumn(1).setPreferredWidth(150);
jTable1.getColumnModel().getColumn(2).setPreferredWidth(80);
```

```
jTable1.getColumnModel().getColumn(3).setPreferredWidth(170);
jTable1.getColumnModel().getColumn(4).setPreferredWidth(70);
jTable1.getColumnModel().getColumn(5).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(6).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(7).setPreferredWidth(90);
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.setRowSorter(rsorter);
java.util.List<RowSorter.SortKey> sortKeys = new ArrayList<>();
String sql = "SELECT * FROM " + monthYear + "";try {
Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username,
password);statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7);String s8 = resultSet.getString(13);
row[0] = " " + s1;row[1] = " " + s2;row[2] = s3;row[3] = " " + s4;
row[4] = " " + s5;row[5] = " " + s6;row[6] = " " + s7;row[7] = " " + s8;
model.addRow(row);}connection.close();} catch (SQLException |
ClassNotFoundException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}
l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}
private void initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
```

```
jLabel1 = new javax.swing.JLabel();class3 = new javax.swing.JComboBox<>();

l1 = new javax.swing.JLabel();l2 = new javax.swing.JLabel();

jLabel69 = new javax.swing.JLabel();jPanel3 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setCursor(new
java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));setFont(new
java.awt.Font("Cambria", 1, 14)); // NOI18NsetForeground(new
java.awt.Color(0, 0, 0));setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setResizable(false);

jPanel1.setBackground(new java.awt.Color(255, 204, 204));

jPanel2.setBackground(new java.awt.Color(255, 204, 204));

searchButton.setBackground(new java.awt.Color(255,
searchButton.setFont(new java.awt.Font("Cambria", 1, 14));
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); searchButton.setText("Print");

searchButton.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

searchButtonActionPerformed(evt);}});

jLabel1.setFont(new java.awt.Font("Cambria", 1, 24)); // NOI18N

jLabel1.setForeground(new java.awt.Color(153, 0, 51));

jLabel1.setText("Paid Student Details "+monthYear);

class3.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N

class3.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"," I-A"," I-B"," I-C"," I-D"," I-E"," I-F"," II-A"," II-B"," II-C"," II-D"," II-E"," 
II-F"," III-A"," III-B"," III-C"," III-D"," III-E"," III-F"," IV-A"," IV-B"," IV-C"," 
IV-D"," IV-E"," IV-F"," V-A"," V-B"," V-C"," V-D"," V-E"," V-F"," VI-A"," VI-
```

```
B"," VI-C"," VI-D"," VI-E"," VI-F"," VII-A"," VII-B"," VII-C"," VII-D"," VII-E"," VII-F"," VIII-A"," VIII-B"," VIII-C"," VIII-D"," VIII-E"," VIII-F"," IX-A"," IX-B"," IX-C"," IX-D"," IX-E"," IX-F"," X-A"," X-B"," X-C"," X-D"," X-E"," X-F"," XI-A"," XI-B"," XI-C"," XI-D"," XI-E"," XI-F"," XII-A"," XII-B"," XII-C"," XII-D"," XII-E"," XII-F" }));class3.addItemListener(new java.awt.event.ItemListener() {

public void itemStateChanged(java.awt.event.ItemEvent evt) {

class3ItemStateChanged(evt);}});
l1.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N
l1.setText("jLabel2");l2.setFont(new java.awt.Font("Cambria", 1, 14));

l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14));

jLabel69.setForeground(new java.awt.Color(0, 0, 204));

jLabel69.setText("Happy Public Sec School");javax.swing.GroupLayout
jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);jPanel2Layout.setHorizontalGroup(jPanel2
Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```

```
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)))
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 387,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20)));jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
```

```
ment.BASELINE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));

jPanel3.setBackground(new java.awt.Color(255, 239, 154));
jPanel3.setLayout(new java.awt.BorderLayout());

jTable1.setFont(new java.awt.Font("Cambria", 0, 14));

jTable1.setModel(model); jTable1.setRowHeight(70);

jScrollPane1.setViewportView(jTable1);jPanel3.add(jScrollPane1,
java.awt.BorderLayout.CENTER);javax.swing.GroupLayout jPanel1Layout =
new javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 852,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE)));jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 492,
Short.MAX_VALUE)));
```

```
javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE)));
getAccessibleContext().setAccessibleParent(jPanel1);pack();}private void
searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
MessageFormat header = new MessageFormat("Happy Public Sec School Paid
Student Details");MessageFormat footer = new MessageFormat("Page");
try {jTable1.print(JTable.PrintMode.FIT_WIDTH, header, footer);} catch
(PrinterException ex)
{Logger.getLogger(PrintStudentTable.class.getName()).log(Level.SEVERE,
null, ex);}}private void class3ItemStateChanged(java.awt.event.ItemEvent evt)
{rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
for (int row = 0; row < model.getRowCount(); row++) {
if (jTable1.getValueAt(row, 2).equals(text)) {occurrance++;}}l1.setText(text);

l2.setText(String.valueOf(occurrance));if (text.length() == 0) {

rsorter.setRowFilter(null);l1.setText("Total Students");

l2.setText(String.valueOf(model.getRowCount()));}
rsorter.setRowFilter(RowFilter.regexFilter(text));}}
public static void main(String args[])try {
for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}
```

```
} catch (ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(PaidTable.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex); } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(PaidTable.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex); } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(PaidTable.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(PaidTable.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex); }java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new PaidTable().setVisible(true); }});}

private javax.swing.JComboBox<String> class3;

private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;

private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1; private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;

 }
```

PrintPaid.java

```
package schoolmanagementsystem;

import java.awt.print.PrinterException;import java.io.FileReader;

import java.io.IOException;import java.sql.Connection;import
java.sql.DriverManager;import java.sql.ResultSet;import
java.sql.SQLException;import java.sql.Statement;

import java.text.MessageFormat;import java.util.Calendar;

import java.util.logging.Level;import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class PrintPaid extends javax.swing.JFrame {

private String s1, s2, ss2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13, s14;

private Connection conn;private Statement stm2;private ResultSet rs2;

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

private String username = "";private String password = "";String month = "";

String year = "";String monthYear = "";String monthName[] = {"jan", "feb",
"mar", "apr", "may", "jun", "jul", "aug", "sep", "oct", "nov", "dec"};
public PrintPaid() {Calendar cal = Calendar.getInstance();

month = monthName[cal.get(Calendar.MONTH)];
int intYear = cal.get(Calendar.YEAR); year = String.valueOf(intYear);
monthYear = month + year; try {Class.forName("com.mysql.cj.jdbc.Driver");

} catch (ClassNotFoundException e) {JOptionPane.showMessageDialog(this, e,
"Error", JOptionPane.ERROR_MESSAGE);}try {FileReader file = new
FileReader("user.dll");char data[] = new char[24];int charsread =
file.read(data);username = new String(data, 0, charsread);file.close();

FileReader file4 = new FileReader("pass.dll");char data2[] = new char[24];

int charsread2 = file4.read(data2);password = new String(data2, 0,
charsread2);file4.close();} catch (IOException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}initComponents();
```

```
setLocationRelativeTo(null);}private void printTextPane(String s1, String s2, String s3, String s4, String s5, String s6, String s7, String s8, String s9, String s10, String s11, String s12, String s13) {
jTextPane1.setText("<html>\n"
        + "<style>\n"
        + "td{\n"
        + "\n"
        + "  font-size:10;\n"
        + "  \n"
        + "\n"
        + "}\n"
        + "h2{\n"
        + "  color: #0A73C3;\n"
        + "  \n"
        + "}\n"
        + "\n"
        + "\n"
        + "</style>\n"
        + "<body  >\n"
        + "\n"
        + "    <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\" style=\"width: 350px; height: auto;  \">\n"
        + "       <tr>\n"
        + "       <td  width=\"350\">\n"
        + "\n"
```

```
+ "          <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\"
border=\"0\" align=\"center\" class=\"table\">\n"
+ "             <tr>\n"
+ "             <td width=\"350\" class=\"cell\">\n"
+ "             <table align=\"center\" style=\"width: 350px; height:
auto;  \">\n"
+ "                <tr align=\"center\" style=\"border: 1px solid
#ccc;\">\n"
+ "                   <td class=\"auto-style3\">\n"
+ "                      <table>\n"
+ "                         <tr>\n"
+ "                            <td >\n"
+ "                               <div class=\"header\">\n"
+ "                                  <h2>Lajpat Nagar,Delhi-110094</h2>\n"
+ "                               </div>\n"
+ "                            </td>\n"
+ "                         </tr>\n"
+ "                      </table>\n"
+ "                   </td>\n"
+ "                  \n"
+ "                </tr>\n"
+ "             </table>\n"
+ "             <br />\n"
+ "             <table align=\"center\" style=\"width: 350px; height:
auto;  border-radius: 5px 5px 5px 5px; padding-bottom: 15px;\">\n"
+ "                <tr align=\"center\">\n"
```

```
+ "                    <td>\n"
+ "                      <div class=\"header_sub\">\n"
+ "                        <table>\n"
+ "                          <tr>\n"
+ "                            <td>\n"
+ "                              <h2>Student Receipt</h2>\n"
+ "                            </td>\n"
+ "                          </tr>\n"
+ "                        </table>\n"
+ "                        <table style=\"table-layout: fixed; class=\"tp01\"
cellpadding=\"0\" cellspacing=\"0\" border=\"0\" align=\"center\"
width=\"350\">\n"
+ "                          <tr>\n"
+ "                            <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>S.No. </strong></td>\n"
+ "                            <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s1 + "</strong></td>\n"
+ "                          </tr>\n"
+ "                          <tr>\n"
+ "                            <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Student Name</strong></td>\n"
+ "                            <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s2 + "</strong></td>\n"
+ "                          </tr>\n"
+ "                                                    <tr>\n"
+ "                            <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Class</strong></td>\n"
```

```
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s3 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Father's Name</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s4 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Roll No</strong></td>\n"
+ "                    <td style=\"word-break:break-all; style=\"color:#666\"><strong>:  " + s5 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Admission No</strong></td>\n"
+ "                    <td style=\"word-break:break-all; style=\"color:#666\"><strong>:  " + s6 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Pay Date</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s7 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                    <tr>\n"
```

```
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Tuition Fee</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s8 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Late Fee charge</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s9 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Annual Charge</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s10 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Other charge</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s11 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Admission Fee</strong></td>\n"
```

```
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s12 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Total Fee</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s13 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong></strong></td>\n"
+ "                                "
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Signature</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  _____-_______</strong>
</td>\n"
+ "                            </tr>\n"
+ "                            \n"
+ "                            </table>\n" + "<table> <tr> <td><h4>Note : Fee
must be deposited by the 10 days of every month.</h4>  </td> </tr>
</table>"
+ "                        </div>\n"
```

```
+ "                    </td>\n"
+ "                 </tr>\n"
+ "              </table> \n"
+ "              <br />\n"
+ "             \n"
+ "\n"
+ "    </td>\n"
+ "    </tr> \n"
+ "    </table> \n"
+ "</body>\n"
+ "</html>");}private void initComponents() {jPanel1 = new
javax.swing.JPanel();jButton1 = new javax.swing.JButton();jButton2 = new
javax.swing.JButton();jScrollPane2 = new javax.swing.JScrollPane();
jTextPane1 = new javax.swing.JTextPane();jLabel69 = new
javax.swing.JLabel();setDefaultCloseOperation(javax.swing.WindowConstants.
DISPOSE_ON_CLOSE);setTitle("Happy Public Sec School");setBackground(new
java.awt.Color(255, 153, 153));setFont(new java.awt.Font("Cambria", 1, 14));
setForeground(new java.awt.Color(0, 0, 0));setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setResizable(false);jPanel1.setBackground(new
java.awt.Color(255, 153, 153));jButton1.setBackground(new
java.awt.Color(255, 102, 102));jButton1.setFont(new
java.awt.Font("Cambria", 1, 14)); jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); jButton1.setText("Print");jButton1.addActionListener(new
java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt)
{jButton1ActionPerformed(evt);}});
jButton2.setBackground(new java.awt.Color(255, 102, 102));
jButton2.setFont(new java.awt.Font("Cambria", 1, 14));jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); jButton2.setText("Search Student");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);}}); jTextPane1.setEditable(false);
jTextPane1.setContentType("text/html"); // NOI18N
jTextPane1.setFont(new java.awt.Font("Cambria", 0, 14)); // NOI18N
jScrollPane2.setViewportView(jTextPane1);
jLabel69.setFont(new java.awt.Font("Cambria", 1, 18));
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Print Paid Student Details");javax.swing.GroupLayout
jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,jPanel1Layout.crea
teSequentialGroup()
.addGap(102, 102, 102)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 117,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jButton2)
.addGap(70, 70, 70))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap(61, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
478, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(43, 43, 43))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jLabel69)
.addGap(177, 177, 177)))));jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jLabel69)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
432, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(33, 33, 33)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));

layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)); pack();}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

MessageFormat header = new MessageFormat("Happy Public Sec School");

MessageFormat footer = new MessageFormat("Page");try {
```

```
jTextPane1.print(header, footer);} catch (PrinterException ex) {

Logger.getLogger(PrintStaff.class.getName()).log(Level.SEVERE, null, ex); }}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

s1 = "";s2 = "";s3 = "";s4 = "";s5 = "";s6 = "";s7 = "";s8 = "";s9 = "";s10 = "";

s11 = "";s12 = "";s13 = "";String in = "";int flag5 = 0;

in = JOptionPane.showInputDialog(this, "Please Enter Admission No");

in = in.trim();if (!in.isEmpty()) {jTextPane1.setText("");try {

conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();
rs2 = stm2.executeQuery("Select admission_no from " + monthYear + "");
while (rs2.next()) {if (in.equals(rs2.getString(1))) {

flag5 = 1; break; }}conn.close();} catch (SQLException e) {

JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);} if (flag5 == 1) {try {conn =
DriverManager.getConnection(url, username, password);

stm2 = conn.createStatement();rs2 = stm2.executeQuery("SELECT  *  FROM "
+ monthYear + " WHERE admission_no=" + in + " ");

while (rs2.next()) {s1 = rs2.getString(1); s2 = rs2.getString(2); s3 =
rs2.getString(3);s4 = rs2.getString(4); s5 = rs2.getString(5); s6 =
rs2.getString(6);s7 = rs2.getString(7); s8 = rs2.getString(8); s9 =
rs2.getString(9);s10 = rs2.getString(10); s11 = rs2.getString(11);s12 =
rs2.getString(12);s13 = rs2.getString(13);}conn.close();printTextPane(s1, s2,
s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13); } catch (SQLException p) {

JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE); }} else
{JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE); }} else {
JOptionPane.showMessageDialog(this, "Field is empty", "Error",
JOptionPane.ERROR_MESSAGE); }}public static void main(String args[]) {try
{for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
```

```
if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break; }}} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(PrintPaid.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(PrintPaid.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(PrintPaid.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
java.util.logging.Logger.getLogger(PrintPaid.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex); }

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {new PrintPaid().setVisible(true);}}); }

private javax.swing.JButton jButton1;private javax.swing.JButton
jButton2;private javax.swing.JLabel jLabel69;private javax.swing.JPanel
jPanel1;private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextPane jTextPane1;

}
```

PrintStaff.java

```
package schoolmanagementsystem;import java.awt.print.PrinterException;

import java.io.FileReader;import java.io.IOException;

import java.sql.Connection;import java.sql.DriverManager;

import java.sql.ResultSet;import java.sql.SQLException;

import java.sql.Statement;import java.text.ParseException;

import java.text.SimpleDateFormat;import java.util.logging.Level;

import java.util.logging.Logger;import javax.swing.JOptionPane;

public class PrintStaff extends javax.swing.JFrame {

private String s1, s2, ss2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13, s14;

private Connection conn;private Statement stm2;private ResultSet rs2;

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

private String username = "";private String password = "";

public PrintStaff() {try {Class.forName("com.mysql.cj.jdbc.Driver");

 } catch (ClassNotFoundException e) {JOptionPane.showMessageDialog(this, e,
"Error", JOptionPane.ERROR_MESSAGE);}try {FileReader file = new
FileReader("user.dll");  char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);

password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);
}initComponents();setLocationRelativeTo(null); }private void
initComponents() {jPanel1 = new javax.swing.JPanel();jButton1 = new
javax.swing.JButton();jButton2 = new javax.swing.JButton();
jScrollPane2 = new javax.swing.JScrollPane();jTextPane1 = new
javax.swing.JTextPane();jLabel69 = new
javax.swing.JLabel();setDefaultCloseOperation(javax.swing.WindowConstants.
```

```
DISPOSE_ON_CLOSE); setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setResizable(false);jPanel1.setBackground(new
java.awt.Color(255, 153, 153));jPanel1.setFont(new java.awt.Font("Cambria",
0, 14));jButton1.setBackground(new java.awt.Color(255, 102, 102));

jButton1.setFont(new java.awt.Font("Cambria", 1, 14));jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); jButton1.setText("Print");jButton1.addActionListener(new
java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt)
{jButton1ActionPerformed(evt); }});jButton2.setBackground(new
java.awt.Color(255, 102, 102));jButton2.setFont(new
java.awt.Font("Cambria", 1, 14)); jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); jButton2.setText("Search Staff");
jButton2.setMaximumSize(new java.awt.Dimension(195, 31));
jButton2.setMinimumSize(new java.awt.Dimension(195, 31));
jButton2.addActionListener(new java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt)
{jButton2ActionPerformed(evt); }});jTextPane1.setEditable(false);
jTextPane1.setContentType("text/html");jTextPane1.setFont(new
java.awt.Font("Cambria", 0, 14));jScrollPane2.setViewportView(jTextPane1);
jLabel69.setFont(new java.awt.Font("Cambria", 1, 18));
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Print staff Details");javax.swing.GroupLayout
jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGap(102, 102, 102)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 117,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(81, 81, 81))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap(52, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
478, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(43, 43, 43))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 199,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(147, 147, 147)))));
jPanel1Layout.setVerticalGroup(jPanel1Layout.createParallelGroup(javax.swi
ng.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
.addComponent(jLabel69).addPreferredGap(javax.swing.LayoutStyle.Compon
entPlacement.UNRELATED).addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE, 432,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18,
18).addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.BASELINE)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(33, 33, 33)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING) .addComponent(jPanel1,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));pack();}
private void printTextPane(String s1, String s2, String s3, String s4, String s5,
String s6, String s7, String s8, String s9, String s10, String s11, String s12,
String s13, String s14) {String fullName = s2 + " " + s3;
jTextPane1.setText("<html>\n"

+ "<style>\n"+ "td{\n"+ "\n"+ "        font-size:10;\n"

+ "  \n"+ "\n"+ "}\n"+ "h2{\n"+ "      color: #0A73C3;\n"+ "  \n"+ "}\n"

+ "\n"+ "\n"+ "</style>\n"+ "<body  >\n"+ "\n"

+ "    <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\"
style=\"width: 350px; height: auto;  \">\n"

            + "       <tr>\n"

            + "       <td  width=\"350\">\n"

            + "\n"

            + "           <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\"
border=\"0\" align=\"center\" class=\"table\">\n"

            + "              <tr>\n"

            + "              <td width=\"350\" class=\"cell\">\n"

            + "              <table align=\"center\" style=\"width: 350px; height:
auto;  \">\n"

            + "                 <tr align=\"center\" style=\"border: 1px solid
#ccc;\">\n"
```

```
+ "                    <td class=\"auto-style3\">\n"
+ "                      <table>\n"
+ "                        <tr>\n"
+ "                          <td >\n"
+ "                            <div class=\"header\">\n"
+ "                              <h2>Happy Public Sec School</h2>\n"
+ "                            </div>\n"
+ "                          </td>\n"
+ "                        </tr>\n"
+ "                      </table>\n"
+ "                    </td>\n"
+ "                   \n"
+ "                  </tr>\n"
+ "                </table>\n"
+ "                <br />\n"
+ "                <table align=\"center\" style=\"width: 350px; height:
auto;  border-radius: 5px 5px 5px 5px; padding-bottom: 15px;\">\n"
+ "                  <tr align=\"center\">\n"
+ "                    <td>\n"
+ "                      <div class=\"header_sub\">\n"
+ "                        <table>\n"
+ "                          <tr>\n"
+ "                            <td>\n"
+ "                              <h2>Staff Details</h2>\n"
+ "                            </td>\n"
```

```
+ "                    </tr>\n"
+ "                  </table>\n"
+ "                  <table style=\"table-layout: fixed; class=\"tp01\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\" align=\"center\" width=\"350\">\n"
+ "                    <tr>\n"
+ "                      <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Staff ID </strong></td>\n"
+ "                      <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s1 + "</strong></td>\n"
+ "                    </tr>\n"
+ "                    <tr>\n"
+ "                      <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Name</strong></td>\n"
+ "                      <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + fullName + "</strong></td>\n"
+ "                    </tr>\n"
+ "                                                <tr>\n"
+ "                      <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Date of Brith</strong></td>\n"
+ "                      <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s4 + "</strong></td>\n"
+ "                    </tr>\n"
+ "                                                <tr>\n"
+ "                      <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Phone No</strong></td>\n"
```

```
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s5 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Father's & Husband Name</strong></td>\n"
+ "                    <td style=\"word-break:break-all; style=\"color:#666\"><strong>:  " + s6 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Gender</strong></td>\n"
+ "                    <td style=\"word-break:break-all; style=\"color:#666\"><strong>:  " + s7 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>E-Mail ID</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s8 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Qualification</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s9 + "</strong></td>\n"
+ "                </tr>\n"
```

```
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Designation</strong></td>\n"
+ "                    <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s10 +
"</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Salary</strong></td>\n"
+ "                    <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s11 +
"</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Joining Date</strong></td>\n"
+ "                    <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s12 +
"</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Address</strong></td>\n"
+ "                    <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s13 +
"</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
```

```
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Status</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s14 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong></strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong></strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Date</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  _____</strong>
</td>\n"
+ "                            </tr>\n"
+ "                            \n"
+ "                          </table>\n"
+ "                        </div>\n"
+ "                      </td>\n"
+ "                    </tr>\n"
+ "                </table> \n"
+ "                <br />\n"
+ "                \n"
+ "\n"
```

```
            + "    </td>\n"
            + "    </tr> \n"
            + "    </table> \n"
            + "</body>\n"
            + "</html>");}
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
s1 = "";s2 = "";s3 = "";s4 = "";s5 = "";s6 = "";s7 = "";s8 = "";s9 = "";s10 = "";
s11 = "";s12 = "";s13 = "";s14 = "";String in = "";int flag5 = 0;
in = JOptionPane.showInputDialog(this, "Please Enter Staff ID");
in = in.trim();if (!in.isEmpty()) {jTextPane1.setText(""); try {
conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();rs2 = stm2.executeQuery("Select staff_id from
staff_table");while (rs2.next()) {if (in.equals(rs2.getString(1))) {
flag5 = 1; break; }}conn.close();} catch (SQLException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE); }if (flag5 == 1) {try {conn =
DriverManager.getConnection(url, username, password);stm2 =
conn.createStatement();rs2 = stm2.executeQuery("SELECT  *  FROM
staff_table WHERE staff_id=" + in + " ");while (rs2.next()) {
s1 = rs2.getString(1);s2 = rs2.getString(2);s3 = rs2.getString(3);
s4 = rs2.getString(4);s5 = rs2.getString(5);s6 = rs2.getString(6);
s7 = rs2.getString(7); s8 = rs2.getString(8); s9 = rs2.getString(9);
s10 = rs2.getString(10); s11 = rs2.getString(11);s12 = rs2.getString(12);
s13 = rs2.getString(13);s14 = rs2.getString(14);}conn.close();
printTextPane(s1, s2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13, s14);
} catch (SQLException p) {JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE); }} else {
JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE); }} else {
JOptionPane.showMessageDialog(this, "Field is empty", "Error",
```

```
JOptionPane.ERROR_MESSAGE);}}private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
try { jTextPane1.print();} catch (PrinterException ex) {

Logger.getLogger(PrintStaff.class.getName()).log(Level.SEVERE, null, ex);}}

public static void main(String args[]) {try {for
(javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;}}} catch (ClassNotFoundException ex)
java.util.logging.Logger.getLogger(PrintStaff.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(PrintStaff.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(PrintStaff.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(PrintStaff.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);}java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new PrintStaff().setVisible(true);}});}private
javax.swing.JButton jButton1;private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel69;private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane2;private javax.swing.JTextPane
jTextPane1;

}
```

PrintStaffTable.java

```
package schoolmanagementsystem;

import  java.awt.Component;

import java.awt.Font;

import java.awt.event.ItemEvent;

import java.awt.print.PrinterException;

import java.io.FileReader;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;import java.sql.Statement;

import java.text.MessageFormat;import java.util.ArrayList;
import java.util.logging.Level;import java.util.logging.Logger;

import javax.swing.JOptionPane;import javax.swing.JTable;

import javax.swing.JTextArea;import javax.swing.RowFilter;

import javax.swing.RowSorter;import javax.swing.table.DefaultTableModel;

import javax.swing.table.TableCellRenderer;
import javax.swing.table.TableModel;

import javax.swing.table.TableRowSorter;

import static schoolmanagementsystem.PrintStudentTable.row;

public class PrintStaffTable extends javax.swing.JFrame {

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

String username;String password;Connection connection;Statement
statement;ResultSet resultSet;DefaultTableModel model;
```

```
static String[] row = new String[8];String columns[] = {"ID", "Name", "DOB &
Gen", "Join Date & M ", "Fath & Husb Name", "Qulification", "Designation",
"Address"};String array[][] = new String[0][0];TableRowSorter<TableModel>
rsorter;public class TextAreaRenderer extends JTextArea implements
TableCellRenderer {public TextAreaRenderer() {setLineWrap(true);
setWrapStyleWord(true);setFont(new java.awt.Font("Helvetica", Font.BOLD,
15));setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 1));}

public Component getTableCellRendererComponent(JTable jTable, Object obj,
boolean isSelected, boolean hasFocus, int row, int column) {

setText((String) obj);return this; }} public PrintStaffTable() { try {

FileReader file = new FileReader("user.dll");char data[] = new char[24];

int charsread = file.read(data);username = new String(data, 0, charsread);

file.close();FileReader file4 = new FileReader("pass.dll");

char data2[] = new char[24];int charsread2 = file4.read(data2);

password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns); initComponents();class3.setFont(new java.awt.Font("Helvetica",
Font.BOLD, 15));jTable1.getTableHeader().setFont(new Font("Arial Unicode
MS", Font.BOLD, 15)); setLocationRelativeTo(null);
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
PrintStaffTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(1).setCellRenderer(new
PrintStaffTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(2
).setCellRenderer(new PrintStaffTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(3).setCellRenderer(new
PrintStaffTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(4
).setCellRenderer(new PrintStaffTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(5).setCellRenderer(new
PrintStaffTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(6
).setCellRenderer(new PrintStaffTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(7).setCellRenderer(new
```

```
PrintStaffTable.TextAreaRenderer());
jTable1.setAutoResizeMode(JTable.AUTO_RESIZE_OFF);
jTable1.getColumnModel().getColumn(0).setPreferredWidth(50);
jTable1.getColumnModel().getColumn(1).setPreferredWidth(80);
jTable1.getColumnModel().getColumn(2).setPreferredWidth(90);
jTable1.getColumnModel().getColumn(3).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(4).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(5).setPreferredWidth(80);
jTable1.getColumnModel().getColumn(6).setPreferredWidth(130);
jTable1.getColumnModel().getColumn(7).setPreferredWidth(200);
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.setRowSorter(rsorter);java.util.List<RowSorter.SortKey> sortKeys =
new ArrayList<>();String sql = "SELECT * FROM staff_table WHERE
status='Active'"; try {Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username,
password);statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7);String s8 = resultSet.getString(8);
String s9 = resultSet.getString(9);String s10 = resultSet.getString(10);
String s11 = resultSet.getString(11);String s12 = resultSet.getString(12);
String s13 = resultSet.getString(13);String s14 = resultSet.getString(14);
row[0] = " " + s1; row[1] = " " + s2 + s3; row[2] = " " + s4 + "\n " + s7;
row[3] = " " + s12 + " " + s5;row[4] = " " + s6;row[5] = " " + s9;row[6] = s10;
row[7] = " " + s13; model.addRow(row);}connection.close();} catch
(SQLException | ClassNotFoundException e)
{JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total
Staff");l2.setText(String.valueOf(model.getRowCount()));}private void
initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel(); class3 = new javax.swing.JComboBox<>();
l1 = new javax.swing.JLabel(); l2 = new javax.swing.JLabel();
jLabel69 = new javax.swing.JLabel();jPanel3 = new javax.swing.JPanel();
```

```
jScrollPane1 = new javax.swing.JScrollPane();jTable1 = new
javax.swing.JTable();setDefaultCloseOperation(javax.swing.WindowConstants
.DISPOSE_ON_CLOSE); setTitle("Happy Public Sec School"); setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setResizable(false);jPanel1.setBackground(new
java.awt.Color(255, 204, 204)); jPanel2.setBackground(new
java.awt.Color(255, 204, 204));searchButton.setBackground(new
java.awt.Color(255, 102, 102));
searchButton.setFont(new java.awt.Font("Cambria", 1, 14));
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); searchButton.setText("Print");
searchButton.addActionListener(new java.awt.event.ActionListener() {public
void actionPerformed(java.awt.event.ActionEvent evt)
{searchButtonActionPerformed(evt); } });jLabel1.setFont(new
java.awt.Font("Cambria", 1, 24)); jLabel1.setForeground(new
java.awt.Color(153, 0, 51));jLabel1.setText("Active Staff Details ");
class3.setEditable(true);class3.setFont(new java.awt.Font("Cambria", 0, 14));
class3.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"," Principal"," Vice – principal"," Senior Teacher"," Teacher"," Junior
Teacher","  Computer Teacher","  Physical Education Teacher","  Art & Craft","
Drawing Teacher"," Music Teacher"," Senior Administration Executive","
Junior Accountant","  Office Assistant","  Data Entry Operator","
Receptionist"," Security Guard"," Peon"," Plumber"," Electrician ","
Others"}));class3.addItemListener(new java.awt.event.ItemListener()  {
public void itemStateChanged(java.awt.event.ItemEvent evt) {
class3ItemStateChanged(evt);}});l1.setFont(new java.awt.Font("Cambria", 1,
18));l1.setText("jLabel2");l2.setFont(new java.awt.Font("Cambria", 1, 14));
l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(jPanel2Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 346,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 387,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20)));
jPanel2Layout.setVerticalGroup(jPanel2Layout.createParallelGroup(javax.swi
ng.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))); jPanel3.setBackground(new java.awt.Color(255, 239,
154));jPanel3.setLayout(new java.awt.BorderLayout());
jTable1.setFont(new java.awt.Font("Cambria", 0, 14));
jTable1.setModel(model);jTable1.setRowHeight(70);
jScrollPane1.setViewportView(jTable1);jPanel3.add(jScrollPane1,
java.awt.BorderLayout.CENTER);javax.swing.GroupLayout jPanel1Layout =
new javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 852,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 492,
Short.MAX_VALUE)));
javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE));layout.setVerticalGroup(layout.createParallelGroup(java
x.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));pack();} private void
searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
MessageFormat header = new MessageFormat("Happy Public Sec School Staff
Details");MessageFormat footer = new MessageFormat("Page");try {
jTable1.print(JTable.PrintMode.FIT_WIDTH, header, footer);}
catch (PrinterException ex)
{Logger.getLogger(PrintStudentTable.class.getName()).log(Level.SEVERE,
null, ex);}}private void class3ItemStateChanged(java.awt.event.ItemEvent evt)
{ rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
for (int row = 0; row < model.getRowCount(); row++) {if
(jTable1.getValueAt(row, 6).equals(text)) { occurrance++; }}l1.setText(text);
l2.setText(String.valueOf(occurrance)); if (text.length() == 0) {
rsorter.setRowFilter(null);l1.setText("Total
Staff");l2.setText(String.valueOf(model.getRowCount()));}rsorter.setRowFilte
r(RowFilter.regexFilter(text));}}public static void main(String args[]) {try {
```

```
for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;}}} catch (ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(PrintStaffTable.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);} catch (InstantiationException ex) {


java.util.logging.Logger.getLogger(PrintStaffTable.class.getName()).log(java.ut
il.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(PrintStaffTable.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(PrintStaffTable.class.getName()).log(java.u
til.logging.Level.SEVERE, null, ex);}java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new PrintStaffTable().setVisible(true);
}});}private javax.swing.JComboBox<String> class3;

private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;private javax.swing.JScrollPane
jScrollPane1;private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;

}
```

PrintStudent.java

```
package schoolmanagementsystem;

import java.awt.print.PrinterException;import java.io.FileReader;

import java.io.IOException;import java.sql.Connection;

import java.sql.DriverManager;import java.sql.ResultSet;

import  java.sql.SQLException;import  java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class PrintStudent extends javax.swing.JFrame {

private String s1, s2, ss2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13, s14, s15,
s16, s17, s18;private Connection conn;private Statement stm2;
private ResultSet rs2;
String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
private String username = "";private String password = "";
public PrintStudent() {try {Class.forName("com.mysql.cj.jdbc.Driver");

} catch (ClassNotFoundException e) {JOptionPane.showMessageDialog(this, e,
"Error", JOptionPane.ERROR_MESSAGE);} try {FileReader file = new
FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2);file4.close();

} catch (IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}initComponents();

setLocationRelativeTo(null);}private void printTextPane(String s1, String s2,
String s3, String s4, String s5, String s6, String s7, String s8, String s9, String
s10, String s11, String s12, String s13, String s14, String s15, String s16, String
s17, String s18) {String fullName = s2 + " " +
s3;jTextPane1.setText("<html>\n"
```

```
+ "<style>\n"
+ "td{\n"
+ "\n"
+ "  font-size:10;\n"
+ "  \n"
+ "\n"
+ "}\n"
+ "h2{\n"
+ "  color: #0A73C3;\n"
+ "  \n"
+ "}\n"
+ "\n"
+ "\n"
+ "</style>\n"
+ "<body  >\n"
+ "\n"
+ "    <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\" style=\"width: 350px; height: auto;  \">\n"
+ "       <tr>\n"
+ "       <td  width=\"350\">\n"
+ "\n"
+ "           <table width=\"350\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\" align=\"center\" class=\"table\">\n"
+ "               <tr>\n"
+ "               <td width=\"350\" class=\"cell\">\n"
```

```
            + "            <table align=\"center\" style=\"width: 350px; height:
auto;  \">\n"
            + "              <tr align=\"center\" style=\"border: 1px solid
#ccc;\">\n"
            + "                <td class=\"auto-style3\">\n"
            + "                  <table>\n"
            + "                    <tr>\n"
            + "                      <td >\n"
            + "                        <div class=\"header\">\n"
            + "                          <h2>Happy Public Sec School</h2>\n"
            + "                        </div>\n"
            + "                      </td>\n"
            + "                    </tr>\n"
            + "                  </table>\n"
            + "                </td>\n"
            + "               \n"
            + "              </tr>\n"
            + "            </table>\n"
            + "            <br />\n"
            + "            <table align=\"center\" style=\"width: 350px; height:
auto;  border-radius: 5px 5px 5px 5px; padding-bottom: 15px;\">\n"
            + "              <tr align=\"center\">\n"
            + "                <td>\n"
            + "                  <div class=\"header_sub\">\n"
            + "                    <table>\n"
            + "                      <tr>\n"
```

```
+ "                                <td>\n"
+ "                                   <h2>Student Details</h2>\n"
+ "                                </td>\n"
+ "                              </tr>\n"
+ "                            </table>\n"
+ "                            <table style=\"table-layout: fixed; class=\"tp01\"
cellpadding=\"0\" cellspacing=\"0\" border=\"0\" align=\"center\"
width=\"350\">\n"
+ "                              <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Admission No </strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s1 + "</strong></td>\n"
+ "                              </tr>\n"
+ "                              <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Student Name</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + fullName +
"</strong></td>\n"
+ "                              </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Roll No</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s4 + "</strong></td>\n"
+ "                              </tr>\n"
+ "                                                                <tr>\n"
```

```
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Class</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s5 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Father's Name</strong></td>\n"
+ "                                <td style=\"word-break:break-all;
style=\"color:#666\"><strong>:  " + s6 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Father's Contact no</strong></td>\n"
+ "                                <td style=\"word-break:break-all;
style=\"color:#666\"><strong>:  " + s7 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Father's Occupation</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s8 + "</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Mother's Name</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s9 + "</strong></td>\n"
```

```
+ "                    </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Mother's Contact No</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s10 + "</strong></td>\n"
+ "                    </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Mother's Occupation</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s11 + "</strong></td>\n"
+ "                    </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Address</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s12 + "</strong></td>\n"
+ "                    </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Gender</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s13 + "</strong></td>\n"
+ "                    </tr>\n"
```

```
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Caste</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s14 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Data of Brith</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s15 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong>Admission Date</strong></td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s16 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
+ "                    <td style=\"padding-left: 10px; height: 15px;\" width=\"152\"><strong></strong>Fees</td>\n"
+ "                    <td style=\"word-break:break-all;style=\"color:#666\"><strong>:  " + s17 + "</strong></td>\n"
+ "                </tr>\n"
+ "                                                    <tr>\n"
```

```
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Status</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  " + s18 +
"</strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong></strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong></strong></td>\n"
+ "                            </tr>\n"
+ "                                                                <tr>\n"
+ "                                <td style=\"padding-left: 10px; height:
15px;\" width=\"152\"><strong>Date</strong></td>\n"
+ "                                <td style=\"word-break:break-
all;style=\"color:#666\"><strong>:  _____</strong>
</td>\n"
+ "                            </tr>\n"
+ "                            \n"
+ "                          </table>\n"
+ "                        </div>\n"
+ "                      </td>\n"
+ "                    </tr>\n"
+ "                </table> \n"
+ "                <br />\n"
+ "                \n"
+ "\n"
```

```
+ "    </td>\n"
+ "    </tr> \n"
+ "    </table> \n"
+ "</body>\n"
+ "</html>");}
private void initComponents() {jPanel1 = new javax.swing.JPanel();
jButton1 = new javax.swing.JButton(); jButton2 = new javax.swing.JButton();
jScrollPane2 = new javax.swing.JScrollPane(); jTextPane1 = new
javax.swing.JTextPane();jLabel69 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setPreferredSize(new java.awt.Dimension(564,
630));setResizable(false);jPanel1.setBackground(new java.awt.Color(255,
153, 153));jButton1.setBackground(new java.awt.Color(255, 102, 102));
jButton1.setFont(new java.awt.Font("Cambria", 1, 14)); jButton1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); jButton1.setText("Print");jButton1.addActionListener(new
java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt)
{jButton1ActionPerformed(evt);}});jButton2.setBackground(new
java.awt.Color(255, 102, 102));
jButton2.setFont(new java.awt.Font("Cambria", 1, 14)); jButton2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png")));jButton2.setText("Search Student");
jButton2.addActionListener(new java.awt.event.ActionListener() {public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);}});jTextPane1.setEditable(false);
jTextPane1.setContentType("text/html");jTextPane1.setFont(new
java.awt.Font("Cambria", 0, 14));jScrollPane2.setViewportView(jTextPane1);
jLabel69.setFont(new java.awt.Font("Cambria", 1, 18)); // NOI18N
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Print Student Details");javax.swing.GroupLayout
```

```
jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(76, 76, 76)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 117,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jButton2)
.addGap(71, 71, 71))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap(27, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 199,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(167, 167, 167))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
504, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(33, 33, 33)))));jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jLabel69)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
D)
.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
```

```
453, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(68, Short.MAX_VALUE)));javax.swing.GroupLayout layout =
new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE));layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));pack();}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
try {jTextPane1.print();} catch (PrinterException ex)
{Logger.getLogger(PrintStaff.class.getName()).log(Level.SEVERE, null, ex);}}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
s1 = "";s2 = "";s3 = "";s4 = "";s5 = "";s6 = "";s7 = "";s8 = "";s9 = "";s10 = "";
s11 = "";s12 = "";s13 = "";s14 = "";s15 = "";s16 = "";s17 = "";s18 = "";
String in = "";int flag5 = 0;in = JOptionPane.showInputDialog(this, "Please
Enter Admission No");in = in.trim();if (!in.isEmpty()) {jTextPane1.setText("");
try {conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();rs2 = stm2.executeQuery("Select
admission_no from students_table");while (rs2.next()) {

if (in.equals(rs2.getString(1))) {flag5 = 1;break;}}conn.close();

} catch (SQLException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}if (flag5 == 1) {try {
conn = DriverManager.getConnection(url, username, password);
stm2 = conn.createStatement();rs2 = stm2.executeQuery("SELECT  *  FROM
students_table WHERE admission_no=" + in + " ");while (rs2.next()) {
```

```
s1 = rs2.getString(1);s2 = rs2.getString(2);s3 = rs2.getString(3);
s4 = rs2.getString(4);s5 = rs2.getString(5);s6 = rs2.getString(6);
s7 = rs2.getString(7);s8 = rs2.getString(8);s9 = rs2.getString(9);
s10 = rs2.getString(10);s11 = rs2.getString(11);s12 = rs2.getString(12);
s13 = rs2.getString(13);s14 = rs2.getString(14);s15 = rs2.getString(15);
s16 = rs2.getString(16);s17 = rs2.getString(17);s18 = rs2.getString(18);}
conn.close();printTextPane(s1, s2, s3, s4, s5, s6, s7, s8, s9, s10, s11, s12, s13,
s14, s15, s16, s17, s18);} catch (SQLException p) {
JOptionPane.showMessageDialog(this, p, "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Data not found", "Error",
JOptionPane.ERROR_MESSAGE);}} else {
JOptionPane.showMessageDialog(this, "Field is empty", "Error",
JOptionPane.ERROR_MESSAGE);}} public static void main(String args[]) {try {
for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(PrintStudent.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(PrintStudent.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(PrintStudent.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(PrintStudent.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);}java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new PrintStudent().setVisible(true);}});}
private javax.swing.JButton jButton1;private javax.swing.JButton
jButton2;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JScrollPane
jScrollPane2;private javax.swing.JTextPane jTextPane1;

}
```

PrintStudentTable.java

```
package schoolmanagementsystem;
import  java.awt.Component;
import java.awt.Font;
import java.awt.event.ItemEvent;
import java.awt.print.PrinterException;
import java.io.FileReader;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import  java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.MessageFormat;
import java.util.ArrayList;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.JTextArea;
import javax.swing.RowFilter;
import javax.swing.RowSorter;
import javax.swing.SortOrder;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableCellRenderer;
```

```
import javax.swing.table.TableModel;

import javax.swing.table.TableRowSorter;

import static schoolmanagementsystem.StudentTable.row;

public class PrintStudentTable extends javax.swing.JFrame {

 String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

String username;String password;Connection connection;
Statement statement;ResultSet resultSet;DefaultTableModel model;
static String[] row = new String[8];String columns[] = {"R No", "Ad No", "Ad
Date M n", "Student Name", "DOB Gender", "F & M Name", "Address", "Class"};
String array[][] = new String[0][0];TableRowSorter<TableModel> rsorter;
public class TextAreaRenderer extends JTextArea implements
TableCellRenderer {public TextAreaRenderer()
{setLineWrap(true);setWrapStyleWord(true);setFont(new
java.awt.Font("Helvetica", Font.BOLD, 15));
setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 1)); }public Component
getTableCellRendererComponent(JTable jTable, Object obj, boolean
isSelected, boolean hasFocus, int row, int column) {setText((String) obj);
return this; }}public PrintStudentTable() {try {FileReader file = new
FileReader("user.dll");char data[] = new char[24];int charsread =
file.read(data);username = new String(data, 0, charsread);file.close();
FileReader file4 = new FileReader("pass.dll");char data2[] = new char[24];
int charsread2 = file4.read(data2);password = new String(data2, 0,
charsread2);file4.close();} catch (IOException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE); }model = new DefaultTableModel(array,
columns);initComponents();class3.setFont(new java.awt.Font("Helvetica",
Font.BOLD, 15));jTable1.getTableHeader().setFont(new Font("Arial Unicode
MS", Font.BOLD, 15));setLocationRelativeTo(null);
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
PrintStudentTable.TextAreaRenderer());jTable1.getColumnModel().getColum
n(1).setCellRenderer(new
PrintStudentTable.TextAreaRenderer());jTable1.getColumnModel().getColum
n(2).setCellRenderer(new PrintStudentTable.TextAreaRenderer());
```

```
jTable1.getColumnModel().getColumn(3).setCellRenderer(new
PrintStudentTable.TextAreaRenderer());jTable1.getColumnModel().getColum
n(4).setCellRenderer(new PrintStudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(5).setCellRenderer(new
PrintStudentTable.TextAreaRenderer());jTable1.getColumnModel().getColum
n(6).setCellRenderer(new PrintStudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(7).setCellRenderer(new
PrintStudentTable.TextAreaRenderer());jTable1.setAutoResizeMode(JTable.A
UTO_RESIZE_OFF);jTable1.getColumnModel().getColumn(0).setPreferredWid
th(50);jTable1.getColumnModel().getColumn(1).setPreferredWidth(70);
jTable1.getColumnModel().getColumn(2).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(3).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(4).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(5).setPreferredWidth(150);
jTable1.getColumnModel().getColumn(6).setPreferredWidth(200);
jTable1.getColumnModel().getColumn(7).setPreferredWidth(60);
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.setRowSorter(rsorter);java.util.List<RowSorter.SortKey> sortKeys =
new ArrayList<>();String sql = "SELECT * FROM students_table WHERE
status='Active'"; try {Class.forName("com.mysql.cj.jdbc.Driver");connection =
DriverManager.getConnection(url, username, password);
statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5); String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7); String s8 = resultSet.getString(8);
String s9 = resultSet.getString(9);String s10 = resultSet.getString(10);
String s11 = resultSet.getString(11);String s12 = resultSet.getString(12);
String s13 = resultSet.getString(13);String s14 = resultSet.getString(14);
String s15 = resultSet.getString(15);String s16 = resultSet.getString(16);
String s17 = resultSet.getString(17);String s18 = resultSet.getString(18);
row[0] = " " + s4; row[1] = " " + s1; row[2] = " " + s16 + "\n " + s7;
row[3] = " " + s2 + " " + s3; row[4] = " " + s15 + "\n " + s13;
row[5] = " " + s6 + "\n " + s9; row[6] = " " + s12; row[7] = s5;
model.addRow(row);}connection.close();}
```

```
catch (SQLException | ClassNotFoundException e)
{JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}private void
initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel();class3 = new javax.swing.JComboBox<>();
l1 = new javax.swing.JLabel(); l2 = new javax.swing.JLabel();
jLabel69 = new javax.swing.JLabel();jPanel3 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();jTable1 = new
javax.swing.JTable();setDefaultCloseOperation(javax.swing.WindowConstants
.DISPOSE_ON_CLOSE); setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage()); setResizable(false);jPanel1.setBackground(new
java.awt.Color(255, 204, 204));jPanel2.setBackground(new
java.awt.Color(255, 204, 204));searchButton.setBackground(new
java.awt.Color(255, 102, 102));searchButton.setFont(new
java.awt.Font("Cambria", 1, 14));searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png")));searchButton.setText("Print");
searchButton.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt)
{searchButtonActionPerformed(evt);}});jLabel1.setFont(new
java.awt.Font("Cambria", 1, 24));jLabel1.setForeground(new
java.awt.Color(153, 0, 51));jLabel1.setText("Active Student Details");
class3.setFont(new java.awt.Font("Cambria", 0, 14)); class3.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] { "","  I-A","  I-B","  I-C","
I-D","  I-E","  I-F","  II-A","  II-B","  II-C","  II-D","  II-E","  II-F","  III-A","  III-B","
III-C","  III-D","  III-E","  III-F","  IV-A","  IV-B","  IV-C","  IV-D","  IV-E","  IV-F","
V-A","  V-B","  V-C","  V-D","  V-E","  V-F","  VI-A","  VI-B","  VI-C","  VI-D","  VI-
E","  VI-F","  VII-A","  VII-B","  VII-C","  VII-D","  VII-E","  VII-F","  VIII-A","  VIII-
B","  VIII-C","  VIII-D","  VIII-E","  VIII-F","  IX-A","  IX-B","  IX-C","  IX-D","  IX-
E","  IX-F","  X-A","  X-B","  X-C","  X-D","  X-E","  X-F","  XI-A","  XI-B","  XI-C","
XI-D","  XI-E","  XI-F","  XII-A","  XII-B","  XII-C","  XII-D","  XII-E","  XII-F" }));
class3.addItemListener(new java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt) {
```

```
class3ItemStateChanged(evt);}}); l1.setFont(new java.awt.Font("Cambria", 1,
18));l1.setText("jLabel2");l2.setFont(new java.awt.Font("Cambria", 1, 14));
l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");javax.swing.GroupLayout
jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 346,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 387,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20)));jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));jPanel3.setBackground(new java.awt.Color(255, 239,
154));jPanel3.setLayout(new java.awt.BorderLayout());
jTable1.setFont(new java.awt.Font("Cambria", 0, 14));
jTable1.setModel(model);jTable1.setRowHeight(70);
jScrollPane1.setViewportView(jTable1);
```

```
jPanel3.add(jScrollPane1, java.awt.BorderLayout.CENTER);
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 852,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 492,
Short.MAX_VALUE)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING).addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));pack();}// </editor-fold>
private void searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
MessageFormat header = new MessageFormat("Happy Public Sec School
Student Details");MessageFormat footer = new MessageFormat("Page");try {
jTable1.print(JTable.PrintMode.FIT_WIDTH, header, footer);
} catch (PrinterException ex) {
```

```
Logger.getLogger(PrintStudentTable.class.getName()).log(Level.SEVERE, null,
ex);}}private void class3ItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
for (int row = 0; row < model.getRowCount(); row++) {if
(jTable1.getValueAt(row, 7).equals(text)) {occurrance++;}}l1.setText(text);
l2.setText(String.valueOf(occurrance));if (text.length() == 0) {
rsorter.setRowFilter(null);l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}
rsorter.setRowFilter(RowFilter.regexFilter(text));}}
public static void main(String args[]) {try {for
(javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(PrintStudentTable.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(PrintStudentTable.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(PrintStudentTable.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(PrintStudentTable.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex); java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new PrintStudentTable().setVisible(true);}});}
private javax.swing.JComboBox<String> class3;
private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;private javax.swing.JScrollPane
jScrollPane1;private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;

}
```

ShowTable.java

```
package schoolmanagementsystem;
import  java.awt.Component;
import java.awt.event.ItemEvent;
import java.io.FileReader;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import  java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.JTextArea;
import javax.swing.RowFilter;
import javax.swing.RowSorter;
import javax.swing.SortOrder;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableCellRenderer;
import  javax.swing.table.TableModel;
import javax.swing.table.TableRowSorter;
import static schoolmanagementsystem.StudentTable.row;
public class ShowTable extends javax.swing.JFrame {
String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
```

```
String username;String password;Connection connection;
Statement statement;ResultSet resultSet;DefaultTableModel model;
static String[] row = new String[13];String columns[] = {"S.No.", "Student
Name", "Class", "Father's Name", "Roll No", "Admission No", "Date", "Tuition
Fee", "Late", "Annual Fee", "Other Charge", "Admission Fee", "Total"};
String array[][] = new String[0][0];TableRowSorter<TableModel> rsorter;
public class TextAreaRenderer extends JTextArea implements
TableCellRenderer {public TextAreaRenderer() {setLineWrap(true);
setWrapStyleWord(true);setBorder(javax.swing.BorderFactory.createLineBor
der(new java.awt.Color(0, 162, 232), 1));}public Component
getTableCellRendererComponent(JTable jTable, Object obj, boolean
isSelected, boolean hasFocus, int row, int column) {setText((String) obj);
return this;}}public ShowTable(String my) {tryFileReader file = new
FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns);initComponents();setLocationRelativeTo(null);
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(1).set
CellRenderer(new ShowTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(2).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(3).set
CellRenderer(new ShowTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(4).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(5).set
CellRenderer(new ShowTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(6).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(7).set
CellRenderer(new ShowTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(8).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(9).set
CellRenderer(new ShowTable.TextAreaRenderer());
```

```
jTable1.getColumnModel().getColumn(10).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(11).s
etCellRenderer(new ShowTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(12).setCellRenderer(new
ShowTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(1).set
PreferredWidth(120);jTable1.getColumnModel().getColumn(3).setPreferred
Width(120);rsorter = new
TableRowSorter<TableModel>(jTable1.getModel());jTable1.setRowSorter(rso
rter);java.util.List<RowSorter.SortKey> sortKeys = new ArrayList<>();
sortKeys.add(new RowSorter.SortKey(1, SortOrder.ASCENDING));
rsorter.setSortKeys(sortKeys);String sql = "SELECT * FROM " + my + "";try {
Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username, password);
statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {String s1 =
resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7); String s8 = resultSet.getString(8);
String s9 = resultSet.getString(9); String s10 = resultSet.getString(10);
String s11 = resultSet.getString(11);String s12 = resultSet.getString(12);
String s13 = resultSet.getString(13);row[0] = s1;row[1] = s2;row[2] = s3;
row[3] = s4;row[4] = s5;row[5] = s6;row[6] = s7;row[7] = s8;row[8] = s9;
row[9] = s10;row[10] = s11;row[11] = s12;row[12] = s13;
model.addRow(row);}connection.close();} catch (SQLException |
ClassNotFoundException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total Students");
jLabel1.setText("Students Fees Details " + my);
l2.setText(String.valueOf(model.getRowCount()));}private void
initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
searchText = new javax.swing.JTextField();jLabel1 = new javax.swing.JLabel();
l1 = new javax.swing.JLabel();l2 = new javax.swing.JLabel();
jLabel69 = new javax.swing.JLabel();class3 = new
javax.swing.JComboBox<>();jPanel3 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();
```

```
jTable1 = new javax.swing.JTable();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());jPanel1.setBackground(new java.awt.Color(255,
204, 204));jPanel2.setBackground(new java.awt.Color(255, 204, 204));
searchButton.setBackground(new java.awt.Color(255, 102, 102));
searchButton.setFont(new java.awt.Font("Cambria", 1, 14));
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png")));searchButton.setText("Search");
searchButton.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt)
{searchButtonActionPerformed(evt);}}); searchText.setFont(new
java.awt.Font("Cambria", 0, 14));
searchText.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));jLabel1.setFont(new java.awt.Font("Cambria", 1, 24));
jLabel1.setForeground(new java.awt.Color(153, 0, 51));
jLabel1.setText("Students Fees Details");l1.setFont(new
java.awt.Font("Cambria", 1, 18)); l1.setText("jLabel2");l2.setFont(new
java.awt.Font("Cambria", 1, 14)); l2.setForeground(new java.awt.Color(255, 0,
0));l2.setText("fsdf");jLabel69.setFont(new java.awt.Font("Cambria Math", 1,
14)); jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");class3.setFont(new
java.awt.Font("Cambria", 0, 14)); class3.setForeground(new java.awt.Color(0,
102, 255));class3.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","  I-A","  I-B","  I-C","  I-D","  I-E"," I-F","  II-A","  II-B","  II-C","  II-
D","  II-E","  II-F","  III-A","  III-B","  III-C","  III-D","  III-E","  III-F","  IV-A","  IV-
B","  IV-C","  IV-D","  IV-E","  IV-F","  V-A","  V-B","  V-C","  V-D","  V-E","  V-F","
VI-A","  VI-B","  VI-C","  VI-D","  VI-E","  VI-F","  VII-A","  VII-B","  VII-C","  VII-
D","  VII-E","  VII-F","  VIII-A","  VIII-B","  VIII-C","  VIII-D","  VIII-E","  VIII-F","
IX-A","  IX-B","  IX-C"," IX-D","  IX-E","  IX-F","  X-A","  X-B","  X-C","  X-D","  X-
E","  X-F","  XI-A","  XI-B","  XI-C","  XI-D","  XI-E","  XI-F","  XII-A","  XII-B","  XII-
C","  XII-D","  XII-E","  XII-F" }));class3.addItemListener(new
java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt) {
```

```
class3ItemStateChanged(evt);}});javax.swing.GroupLayout jPanel2Layout =
new javax.swing.GroupLayout(jPanel2);jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(jPanel2Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)
.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 349,
Short.MAX_VALUE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 334,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(75, 75, 75))
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
```

```
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 175,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(17, 17, 17)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(83, 83, 83)))));jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)).addContainerGap(javax.swing.G
roupLayout.DEFAULT_SIZE, Short.MAX_VALUE)));
```

```
jPanel3.setBackground(new java.awt.Color(255, 239, 154));
jPanel3.setLayout(new java.awt.BorderLayout()); jTable1.setFont(new
java.awt.Font("Cambria", 0, 14)); jTable1.setModel(model);
jTable1.setRowHeight(70);jScrollPane1.setViewportView(jTable1);
jPanel3.add(jScrollPane1, java.awt.BorderLayout.CENTER);
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 538,
Short.MAX_VALUE)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));pack();}
private void searchButtonActionPerformed(java.awt.event.ActionEvent evt) {

String text = searchText.getText().trim();if (text.length() == 0) {
```

```
rsorter.setRowFilter(null);}rsorter.setRowFilter(RowFilter.regexFilter(text))}
private void class3ItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;for (int row = 0; row <
model.getRowCount(); row++) {if (jTable1.getValueAt(row, 2).equals(text))
{occurrance++;}}l1.setText(text);l2.setText(String.valueOf(occurrance));if
(text.length() == 0) {rsorter.setRowFilter(null);l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}
rsorter.setRowFilter(RowFilter.regexFilter(text));}}
public static void main(String args[]) {try {for
(javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(ShowTable.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(ShowTable.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(ShowTable.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(ShowTable.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);}java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {}});}private javax.swing.JComboBox<String>
class3;private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;private javax.swing.JScrollPane
jScrollPane1;private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;

private javax.swing.JTextField searchText;

}
```

StaffTable.java

```
package schoolmanagementsystem;

import java.awt.Component;import java.awt.event.ItemEvent;

import java.awt.print.PrinterException;import java.io.FileReader;

import java.io.IOException;import java.sql.Connection;

import java.sql.DriverManager;import java.sql.ResultSet;

import  java.sql.SQLException;import  java.sql.Statement;

import java.util.ArrayList;import java.util.logging.Level;

import java.util.logging.Logger;import javax.swing.JOptionPane;

import javax.swing.JTable;import  javax.swing.JTextArea;

import javax.swing.RowFilter;import javax.swing.RowSorter;

import javax.swing.SortOrder;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.TableCellRenderer;

import  javax.swing.table.TableModel;

import javax.swing.table.TableRowSorter

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
String username;String password;Connection connection;
Statement statement;ResultSet resultSet;DefaultTableModel model;
static String[] row = new String[14];String columns[] = {"Staff ID", "Fisrt
Name", "Last Name", "D.O.B", "Phone No", "Father & Husband Name",
"Gender", "Email-ID", "Qualification", "Designation", "Salary", "Joining Date",
"Address", "Status"};String array[][] = new String[0][0];
TableRowSorter<TableModel> rsorter;public class TextAreaRenderer extends
JTextArea implements TableCellRenderer {public TextAreaRenderer()
{setLineWrap(true);setWrapStyleWord(true);setBorder(javax.swing.BorderF
actory.createLineBorder(new java.awt.Color(0, 162, 232), 1));}
public Component getTableCellRendererComponent(JTable jTable, Object obj,
boolean isSelected, boolean hasFocus, int row, int column) {
```

```
setText((String) obj);return this;}}public StaffTable() {try {
FileReader file = new FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns);initComponents();setLocationRelativeTo(null);
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(1).setCellRender
er(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(2).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(3).setCellRender
er(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(4).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(5).setCellRender
er(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(6).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(7).setCellRender
er(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(8).setCellRenderer(new
TextAreaRenderer());
jTable1.getColumnModel().getColumn(9).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(10).setCellRende
rer(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(11).setCellRenderer(new
TextAreaRenderer());jTable1.getColumnModel().getColumn(12).setCellRende
rer(new TextAreaRenderer());
jTable1.getColumnModel().getColumn(13).setCellRenderer(new
TextAreaRenderer());
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.getColumnModel().getColumn(0).setPreferredWidth(60);
jTable1.getColumnModel().getColumn(6).setPreferredWidth(40);
jTable1.getColumnModel().getColumn(8).setPreferredWidth(40);
jTable1.getColumnModel().getColumn(13).setPreferredWidth(40);
```

```
jTable1.getColumnModel().getColumn(12).setPreferredWidth(150);
jTable1.setRowSorter(rsorter);java.util.List<RowSorter.SortKey> sortKeys =
new ArrayList<>();sortKeys.add(new RowSorter.SortKey(1,
SortOrder.ASCENDING));rsorter.setSortKeys(sortKeys);
String sql = "SELECT * FROM staff_table";try {
Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username, password);
statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7);String s8 = resultSet.getString(8);
String s9 = resultSet.getString(9);String s10 = resultSet.getString(10);
String s11 = resultSet.getString(11);String s12 = resultSet.getString(12);
String s13 = resultSet.getString(13);String s14 = resultSet.getString(14);
row[0] = s1;row[1] = s2;row[2] = s3;row[3] = s4;row[4] = s5;row[5] = s6;
row[6] = s7;row[7] = s8;row[8] = s9;row[9] = s10;row[10] = s11;
row[11] = s12;row[12] = s13;row[13] = s14;model.addRow(row);}
connection.close();} catch (SQLException | ClassNotFoundException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total Staff");
l2.setText(String.valueOf(model.getRowCount()));}
private void initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
searchText = new javax.swing.JTextField();jLabel1 = new javax.swing.JLabel();
status = new javax.swing.JComboBox<>();l1 = new javax.swing.JLabel();
l2 = new javax.swing.JLabel();jLabel69 = new javax.swing.JLabel();
designation1 = new javax.swing.JComboBox<>();
jPanel3 = new javax.swing.JPanel(); jScrollPane1 = new
javax.swing.JScrollPane();jTable1 = new javax.swing.JTable();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());jPanel1.setBackground(new java.awt.Color(255,
204, 204));jPanel2.setBackground(new java.awt.Color(255, 204, 204));
```

```
searchButton.setBackground(new java.awt.Color(255, 102, 102));
searchButton.setFont(new java.awt.Font("Cambria", 1, 14));
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); searchButton.setText("Search");
searchButton.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
searchButtonActionPerformed(evt);}});searchText.setFont(new
java.awt.Font("Cambria", 0, 14));
searchText.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));jLabel1.setFont(new java.awt.Font("Cambria", 1, 24));
jLabel1.setForeground(new java.awt.Color(153, 0, 51));
jLabel1.setText("Staff Details ");status.setFont(new java.awt.Font("Cambria",
0, 14)); status.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","Active","Resigned","Terminated","On-Hold","Suspended"}));
status.addItemListener(new java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt)
{statusItemStateChanged(evt);}});l1.setFont(new java.awt.Font("Cambria", 1,
18)); l1.setText("jLabel2");l2.setFont(new java.awt.Font("Cambria", 1, 14));
l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14));
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");
designation1.setFont(new java.awt.Font("Cambria", 0, 14));
designation1.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "," Principal"," Vice – principal"," Senior Teacher"," Teacher","
Junior Teacher","  Computer Teacher","  Physical Education Teacher","  Art &
Craft"," Drawing Teacher"," Music Teacher"," Senior Administration
Executive"," Junior Accountant"," Office Assistant"," Data Entry Operator","
Receptionist"," Security Guard"," Peon"," Plumber"," Electrician ","
Others"}));designation1.addItemListener(new java.awt.event.ItemListener()
{public void itemStateChanged(java.awt.event.ItemEvent evt)
{designation1ItemStateChanged(evt);}});javax.swing.GroupLayout
jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
```

```
ING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(26, 26, 26)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 240,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(38, 38, 38)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(54, 54, 54)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(18, 18, 18)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING, false)
.addComponent(designation1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
.addComponent(status, 0, 207, Short.MAX_VALUE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
34, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 175,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(29, 29, 29)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(48, 48, 48))
.addComponent(jLabel69, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 387,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE))));
jPanel2Layout.setVerticalGroup(jPanel2Layout.createParallelGroup(javax.swi
ng.GroupLayout.Alignment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(6, 6, 6)
.addComponent(l2)
.addGap(2, 2, 2)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(designation1, javax.swing.GroupLayout.PREFERRED_SIZE,
35, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(status, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(27, 27, 27)));jPanel3.setBackground(new java.awt.Color(255, 239,
154));jPanel3.setLayout(new java.awt.BorderLayout());jTable1.setFont(new
java.awt.Font("Cambria", 0, 14))jTable1.setModel(model);
jTable1.setRowHeight(70);jScrollPane1.setViewportView(jTable1);
jPanel3.add(jScrollPane1, java.awt.BorderLayout.CENTER);
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
jPanel1Layout.setVerticalGroup(jPanel1Layout.createParallelGroup(javax.swi
ng.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 118,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 414,
Short.MAX_VALUE)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE));layout.setVerticalGroup(layout.createParallelGroup(java
x.swing.GroupLayout.Alignment.LEADING).addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE) );pack();

   }private void searchButtonActionPerformed(java.awt.event.ActionEvent
evt) {String text = searchText.getText().trim();if (text.length() == 0)
{rsorter.setRowFilter(null);}rsorter.setRowFilter(RowFilter.regexFilter(text))
; }private void statusItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
String occurr = (String) evt.getItem();for (int row = 0; row <
model.getRowCount(); row++) {if (jTable1.getValueAt(row,
13).equals(occurr)) {occurrance++; }} l1.setText(text);
l2.setText(String.valueOf(occurrance));if (text.length() == 0) {
rsorter.setRowFilter(null);l1.setText("Total Staffs");
l2.setText(String.valueOf(model.getRowCount()));
}rsorter.setRowFilter(RowFilter.regexFilter(text)); }}
```

```
private void designation1ItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
String occurr = (String) evt.getItem();for (int row = 0; row <
model.getRowCount(); row++) {if (jTable1.getValueAt(row, 9).equals(occurr))
{occurrance++;}}l1.setText(text);l2.setText(String.valueOf(occurrance));if
(text.length() == 0) {rsorter.setRowFilter(null);l1.setText("Total Staffs");
l2.setText(String.valueOf(model.getRowCount()));}rsorter.setRowFilter(Row
Filter.regexFilter(text));}}public static void main(String args[]) {try {
for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break;}}} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(StaffTable.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(StaffTable.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(StaffTable.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(StaffTable.class.getName()).log(java.util.lo
gging.Level.SEVERE, null, ex);java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new StaffTable().setVisible(true);}});}
private javax.swing.JComboBox<String> designation1;
private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;private javax.swing.JScrollPane
jScrollPane1;private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;
private javax.swing.JTextField searchText; private
javax.swing.JComboBox<String> status;

}
```

StudentTable.java

```
package schoolmanagementsystem;import java.awt.Component;
import java.awt.event.ItemEvent;
import java.io.FileReader;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import  java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.JTextArea;
import javax.swing.RowFilter;
import javax.swing.RowSorter;
import javax.swing.SortOrder;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableCellRenderer;
import javax.swing.table.TableModel;
import javax.swing.table.TableRowSorter;
import static schoolmanagementsystem.StaffTable.row;
public class StudentTable extends javax.swing.JFrame {
String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";
String username;String password;Connection connection;
Statement statement;ResultSet resultSet;DefaultTableModel model;
```

```
static String[] row = new String[18];String columns[] = {"Admn No", "Fisrt
Name", "Last Name", "R No", "Class", "F Name", "F No", "F Occup", "M Name",
"M No", "M Occup", "Address", "Gender", "Caste", "D.O.B", "Admn date", "Fees",
"Status"};String array[][] = new String[0][0];TableRowSorter<TableModel>
rsorter;public class TextAreaRenderer extends JTextArea implements
TableCellRenderer {public TextAreaRenderer()
{setLineWrap(true);setWrapStyleWord(true);setBorder(javax.swing.BorderF
actory.createLineBorder(new java.awt.Color(0, 162, 232), 1));}
public Component getTableCellRendererComponent(JTable jTable, Object obj,
boolean isSelected, boolean hasFocus, int row, int column) {setText((String)
obj);return this;}}public StudentTable() {try {FileReader file = new
FileReader("user.dll");char data[] = new char[24];
int charsread = file.read(data);username = new String(data, 0, charsread);
file.close();FileReader file4 = new FileReader("pass.dll");
char data2[] = new char[24];int charsread2 = file4.read(data2);
password = new String(data2, 0, charsread2);file4.close();} catch
(IOException e) {JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns);initComponents();setLocationRelativeTo(null);
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(1).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(2).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(3).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(4).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(5).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(6).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(7).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(8).setCellRenderer(new
```

```
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(9).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(10).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(11).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(12).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(13).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(14).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(15).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(16).setCellRenderer(new
StudentTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(17).setCellRenderer(new
StudentTable.TextAreaRenderer());jTable1.getColumnModel().getColumn(0).
setPreferredWidth(60);jTable1.getColumnModel().getColumn(4).setPreferred
Width(40);jTable1.getColumnModel().getColumn(3).setPreferredWidth(40);
jTable1.getColumnModel().getColumn(11).setPreferredWidth(150);
jTable1.getColumnModel().getColumn(13).setPreferredWidth(50);
jTable1.getColumnModel().getColumn(16).setPreferredWidth(50);
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.setRowSorter(rsorter);java.util.List<RowSorter.SortKey> sortKeys =
new ArrayList<>();sortKeys.add(new RowSorter.SortKey(1,
SortOrder.ASCENDING));rsorter.setSortKeys(sortKeys);String sql = "SELECT *
FROM students_table";try {Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username, password);
statement = connection.createStatement();resultSet =
statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(7);String s8 = resultSet.getString(8);
```

```
String s9 = resultSet.getString(9);String s10 = resultSet.getString(10);
String s11 = resultSet.getString(11);String s12 = resultSet.getString(12);
String s13 = resultSet.getString(13);String s14 = resultSet.getString(14);
String s15 = resultSet.getString(15);String s16 = resultSet.getString(16);
String s17 = resultSet.getString(17);String s18 = resultSet.getString(18);
row[0] = s1;row[1] = s2;row[2] = s3;row[3] = s4;row[4] = s5;row[5] = s6;
row[6] = s7;row[7] = s8;row[8] = s9;row[9] = s10;row[10] = s11;
row[11] = s12;row[12] = s13;row[13] = s14;row[14] = s15;row[15] = s16;
row[16] = s17;row[17] = s18;model.addRow(row);}connection.close();} catch
(SQLException | ClassNotFoundException e) {
JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}
private void initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
searchText = new javax.swing.JTextField();jLabel1 = new javax.swing.JLabel();
status = new javax.swing.JComboBox<>();l1 = new javax.swing.JLabel();
l2 = new javax.swing.JLabel();jLabel69 = new javax.swing.JLabel();
class3 = new javax.swing.JComboBox<>();jPanel3 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());jPanel1.setBackground(new java.awt.Color(255,
204, 204));jPanel2.setBackground(new java.awt.Color(255, 204, 204));
searchButton.setBackground(new java.awt.Color(255, 102, 102));
searchButton.setFont(new java.awt.Font("Cambria", 1, 14)); // NOI18N
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/5.png"))); searchButton.setText("Search");
searchButton.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt)
{searchButtonActionPerformed(evt);}});searchText.setFont(new
java.awt.Font("Cambria", 0,
14));searchText.setBorder(javax.swing.BorderFactory.createLineBorder(new
```

```
java.awt.Color(0, 0, 0)));jLabel1.setFont(new java.awt.Font("Cambria", 1, 24));
jLabel1.setForeground(new java.awt.Color(153, 0, 51));
jLabel1.setText("Students Details ");status.setFont(new
java.awt.Font("Cambria", 0, 14)); status.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] {
"","Active","Left","Passed-
Out","Deid","Suspended","Restricted","GENERAL","OBC","SC","ST","OTHER"}))
;status.addItemListener(new java.awt.event.ItemListener() {
public void itemStateChanged(java.awt.event.ItemEvent evt)
{statusItemStateChanged(evt);}});l1.setFont(new java.awt.Font("Cambria", 1,
18));l1.setText("jLabel2");l2.setFont(new java.awt.Font("Cambria", 1, 14));
l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");class3.setFont(new
java.awt.Font("Cambria", 0, 14));class3.setForeground(new java.awt.Color(0,
102, 255));class3.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "","  I-A","  I-B","  I-C","  I-D","  I-E"," I-F","  II-A","  II-B","  II-C","  II-
D","  II-E","  II-F","  III-A","  III-B","  III-C","  III-D","  III-E","  III-F","  IV-A","  IV-
B","  IV-C","  IV-D","  IV-E","  IV-F","  V-A","  V-B","  V-C","  V-D","  V-E","  V-F","
VI-A","  VI-B","  VI-C","  VI-D","  VI-E","  VI-F","  VII-A","  VII-B","  VII-C","  VII-
D","  VII-E","  VII-F","  VIII-A","  VIII-B","  VIII-C","  VIII-D","  VIII-E","  VIII-F","
IX-A","  IX-B","  IX-C"," IX-D","  IX-E","  IX-F","  X-A","  X-B","  X-C","  X-D","  X-
E","  X-F","  XI-A","  XI-B","  XI-C","  XI-D","  XI-E","  XI-F","  XII-A","  XII-B","  XII-
C","  XII-D","  XII-E","  XII-F" }));class3.addItemListener(new
java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt)
{class3ItemStateChanged(evt);}});javax.swing.GroupLayout jPanel2Layout =
new javax.swing.GroupLayout(jPanel2);jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(jPanel2Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
```

```
jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)
.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 228,
Short.MAX_VALUE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(status, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(55, 55, 55)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 175,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(17, 17, 17)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 362,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap()));jPanel2Layout.setVerticalGroup(jPanel2Layout.createP
arallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addContainerGap()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchText, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(status, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));jPanel3.setBackground(new java.awt.Color(255, 239,
154));jPanel3.setLayout(new java.awt.BorderLayout());
jTable1.setModel(model);jTable1.setRowHeight(70);jScrollPane1.setViewport
View(jTable1);jPanel3.add(jScrollPane1, java.awt.BorderLayout.CENTER);
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 414,
Short.MAX_VALUE)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));pack();}
private void searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
String text = searchText.getText().trim();if (text.length() == 0) {
rsorter.setRowFilter(null);}rsorter.setRowFilter(RowFilter.regexFilter(text))}
private void statusItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
String occurr = (String) evt.getItem();for (int row = 0; row <
model.getRowCount(); row++) {for (int col = 0; col <
model.getColumnCount(); col++) {if (jTable1.getValueAt(row,
col).equals(occurr)) {occurrance++;}}}l1.setText(text);
l2.setText(String.valueOf(occurrance));if (text.length() == 0) {
rsorter.setRowFilter(null);l1.setText("Total Students");
```

```
l2.setText(String.valueOf(model.getRowCount()));
rsorter.setRowFilter(RowFilter.regexFilter(text));}}
private void class3ItemStateChanged(java.awt.event.ItemEvent evt) {
rsorter.setRowFilter(null);if (evt.getStateChange() == ItemEvent.SELECTED)
{String text = (String) evt.getItem();int occurrance = 0;
for (int row = 0; row < model.getRowCount(); row++) {if
(jTable1.getValueAt(row, 4).equals(text)) {occurrance++;}}l1.setText(text);
l2.setText(String.valueOf(occurrance));if (text.length() == 0)
{rsorter.setRowFilter(null);l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}
rsorter.setRowFilter(RowFilter.regexFilter(text));}}public static void
main(String args[]) {try {for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {if
("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break; }} catch
(ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(StudentTable.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(StudentTable.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(StudentTable.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(StudentTable.class.getName()).log(java.uti
l.logging.Level.SEVERE, null, ex);} java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new StudentTable().setVisible(true);}});}
private javax.swing.JComboBox<String> class3;
private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;private javax.swing.JScrollPane
jScrollPane1;private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;
private javax.swing.JTextField searchText;private
javax.swing.JComboBox<String> status;

}
```

UnpaidTable.java

```
package schoolmanagementsystem;
import  java.awt.Component;
import java.awt.Font;
import java.awt.event.ItemEvent;
import java.awt.print.PrinterException;
import java.io.FileReader;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import  java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.MessageFormat;
import java.util.ArrayList;
import  java.util.Calendar;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.JTextArea;
import javax.swing.RowFilter;
import javax.swing.RowSorter;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableCellRenderer;
```

```
import javax.swing.table.TableModel;

import javax.swing.table.TableRowSorter;

import static schoolmanagementsystem.PaidTable.row;

public class UnpaidTable extends javax.swing.JFrame {

String url = "jdbc:mysql://localhost:3306/navyug_database?useSSL = true";

String username;String password;Connection connection;
Statement statement;ResultSet resultSet;DefaultTableModel model;
static String[] row = new String[7];String columns[] = {"Admn No", "Student
Name", "Roll No", "Class", "Father Name", "Tuition fee", "Status"};String
array[][] = new String[0][0];TableRowSorter<TableModel> rsorter;
String month = "";String year = "";String monthYear = "";
String monthName[] = {"jan", "feb", "mar", "apr", "may", "jun", "jul", "aug",
"sep", "oct", "nov", "dec"};public class TextAreaRenderer extends JTextArea
implements TableCellRenderer {public TextAreaRenderer()
{setLineWrap(true);setWrapStyleWord(true);
setFont(new java.awt.Font("Helvetica", Font.BOLD, 15));
setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0), 1));}public Component
getTableCellRendererComponent(JTable jTable, Object obj, boolean
isSelected, boolean hasFocus, int row, int column) {setText((String) obj);
return this;}}public UnpaidTable() {Calendar cal = Calendar.getInstance();
month = monthName[cal.get(Calendar.MONTH)];
int intYear = cal.get(Calendar.YEAR);year = String.valueOf(intYear);
monthYear = month + year;try { FileReader file = new FileReader("user.dll");
char data[] = new char[24];int charsread = file.read(data);
username = new String(data, 0, charsread);file.close();
FileReader file4 = new FileReader("pass.dll");char data2[] = new char[24];
int charsread2 = file4.read(data2);password = new String(data2, 0,
charsread2);file4.close(); } catch (IOException e)
{JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.ERROR_MESSAGE);}model = new DefaultTableModel(array,
columns); initComponents();class3.setFont(new java.awt.Font("Helvetica",
Font.BOLD, 15));jTable1.getTableHeader().setFont(new Font("Arial Unicode
MS", Font.BOLD, 15));setLocationRelativeTo(null);
```

```
jTable1.getColumnModel().getColumn(0).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(1).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(2).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(3).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(4).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(5).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.getColumnModel().getColumn(6).setCellRenderer(new
UnpaidTable.TextAreaRenderer());
jTable1.setAutoResizeMode(JTable.AUTO_RESIZE_OFF);
jTable1.getColumnModel().getColumn(0).setPreferredWidth(90);
jTable1.getColumnModel().getColumn(1).setPreferredWidth(170);
jTable1.getColumnModel().getColumn(2).setPreferredWidth(80);
jTable1.getColumnModel().getColumn(3).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(4).setPreferredWidth(200);
jTable1.getColumnModel().getColumn(5).setPreferredWidth(100);
jTable1.getColumnModel().getColumn(6).setPreferredWidth(90);
rsorter = new TableRowSorter<TableModel>(jTable1.getModel());
jTable1.setRowSorter(rsorter);java.util.List<RowSorter.SortKey> sortKeys =
new ArrayList<>();String sql = "select * from students_table where
students_table.admission_no NOT IN (select admission_no from " + monthYear
+ ")";  try {Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection(url, username, password);
statement = connection.createStatement();
resultSet = statement.executeQuery(sql);while (resultSet.next()) {
String s1 = resultSet.getString(1);String s2 = resultSet.getString(2);
String s3 = resultSet.getString(3);String s4 = resultSet.getString(4);
String s5 = resultSet.getString(5);String s6 = resultSet.getString(6);
String s7 = resultSet.getString(18);row[0] = " " + s1;
row[1] = " " + s2 + " " + s3; row[2] = " " + s4; row[3] = s5;row[4] = " " + s6;
row[5] = " Unpaid"; row[6] = " " + s7;model.addRow(row);connection.close();
```

```
} catch (SQLException | ClassNotFoundException e)
{JOptionPane.showMessageDialog(this, e, "Error",
JOptionPane.INFORMATION_MESSAGE);}l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}private void
initComponents() {jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();searchButton = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel();class3 = new javax.swing.JComboBox<>();
l1 = new javax.swing.JLabel();l2 = new javax.swing.JLabel();
jLabel69 = new javax.swing.JLabel();jPanel3 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE
);setTitle("Happy Public Sec School");setIconImage(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/logo.png")).getImage());setResizable(false);
jPanel1.setBackground(new java.awt.Color(255, 204, 204));
jPanel2.setBackground(new java.awt.Color(255, 204, 204));
searchButton.setBackground(new java.awt.Color(255, 102, 102));
searchButton.setFont(new java.awt.Font("Cambria", 1, 14));
searchButton.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/schoolmanagementsystem/i
cons/3.png"))); searchButton.setText("Print");
searchButton.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt)
{searchButtonActionPerformed(evt); }});jLabel1.setFont(new
java.awt.Font("Tahoma", 1, 24));jLabel1.setForeground(new
java.awt.Color(153, 0, 51));jLabel1.setText("Unpaid Student Details
"+monthYear);class3.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] { "", I-A", I-B", I-C",
I-D", I-E", I-F", II-A", II-B", II-C", II-D", II-E", II-F", III-A", III-B",
III-C", III-D", III-E", III-F", IV-A", IV-B", IV-C", IV-D", IV-E", IV-F",
V-A", V-B", V-C", V-D", V-E", V-F", VI-A", VI-B", VI-C", VI-D", VI-
E", VI-F", VII-A", VII-B", VII-C", VII-D", VII-E", VII-F", VIII-A", VIII-
B", VIII-C", VIII-D", VIII-E", VIII-F", IX-A", IX-B", IX-C", IX-D", IX-
E", IX-F", X-A", X-B", X-C", X-D", X-E", X-F", XI-A", XI-B", XI-C",
XI-D", XI-E", XI-F", XII-A", XII-B", XII-C", XII-D", XII-E", XII-F" }));
```

```
class3.addItemListener(new java.awt.event.ItemListener() {public void
itemStateChanged(java.awt.event.ItemEvent evt)
{class3ItemStateChanged(evt); }});l1.setFont(new java.awt.Font("Tahoma", 1,
14)); l1.setText("jLabel2");l2.setFont(new java.awt.Font("Tahoma", 1, 14)); //
l2.setForeground(new java.awt.Color(255, 0, 0));l2.setText("fsdf");
jLabel69.setFont(new java.awt.Font("Cambria Math", 1, 14)); // NOI18N
jLabel69.setForeground(new java.awt.Color(0, 0, 204));
jLabel69.setText("Happy Public Sec School");javax.swing.GroupLayout
jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(46, 46, 46)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(16, 16, 16)
.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)
.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGap(18, 18, 18)))
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 387,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 207,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
134, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20))); jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addGap(5, 5, 5)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.TRAILING)
.addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel2Layout.createSequentialGroup()
.addComponent(l2)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.BASELINE)
.addComponent(searchButton, javax.swing.GroupLayout.PREFERRED_SIZE,
36, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(class3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)));jPanel3.setBackground(new java.awt.Color(255, 239,
154));jPanel3.setLayout(new java.awt.BorderLayout());
```

```
jTable1.setModel(model);jTable1.setRowHeight(70);jScrollPane1.setViewport
View(jTable1); jPanel3.add(jScrollPane1, java.awt.BorderLayout.CENTER);
javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);jPanel1.setLayout(jPanel1Layout);jPanel1
Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.swing.G
roupLayout.Alignment.LEADING).addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 852,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEAD
ING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE, 492,
Short.MAX_VALUE)));javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());getContentPane().setLayout(lay
out);layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.Grou
pLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE)));pack();}private void
searchButtonActionPerformed(java.awt.event.ActionEvent evt) {
MessageFormat header = new MessageFormat("Nav Yug Happy Public Sec
School Unpaid Student Details");MessageFormat footer = new
MessageFormat("Page");try {jTable1.print(JTable.PrintMode.FIT_WIDTH,
```

```
header, footer);} catch (PrinterException ex)
{Logger.getLogger(PrintStudentTable.class.getName()).log(Level.SEVERE,
null, ex); }}private void class3ItemStateChanged(java.awt.event.ItemEvent
evt) {rsorter.setRowFilter(null);if (evt.getStateChange() ==
ItemEvent.SELECTED) {String text = (String) evt.getItem();int occurrance = 0;
for (int row = 0; row < model.getRowCount(); row++) {if
(jTable1.getValueAt(row, 3).equals(text)) {occurrance++;}}l1.setText(text);
l2.setText(String.valueOf(occurrance));if (text.length() == 0)
{rsorter.setRowFilter(null);l1.setText("Total Students");
l2.setText(String.valueOf(model.getRowCount()));}rsorter.setRowFilter(Row
Filter.regexFilter(text)); }}public static void main(String args[]) { try {for
(javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
if ("Nimbus".equals(info.getName()))
{javax.swing.UIManager.setLookAndFeel(info.getClassName());break; }}}
catch (ClassNotFoundException ex)
{java.util.logging.Logger.getLogger(UnpaidTable.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch (InstantiationException ex)
{java.util.logging.Logger.getLogger(UnpaidTable.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch (IllegalAccessException ex)
{java.util.logging.Logger.getLogger(UnpaidTable.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} catch
(javax.swing.UnsupportedLookAndFeelException ex)
{java.util.logging.Logger.getLogger(UnpaidTable.class.getName()).log(java.util
.logging.Level.SEVERE, null, ex);} java.awt.EventQueue.invokeLater(new
Runnable() {public void run() {new UnpaidTable().setVisible(true);}});
private javax.swing.JComboBox<String> class3;
private javax.swing.JLabel jLabel1;private javax.swing.JLabel jLabel69;
private javax.swing.JPanel jPanel1;private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;private javax.swing.JLabel l1;
private javax.swing.JLabel l2;private javax.swing.JButton searchButton;

}
```

17. TESTING TECHNIQUES

Software testing is a process of executing it (software and program) again and again with the purpose of finding error on it. In general test means checking something for fault, disfunction and error. Similarly, software testing simply means the process of checking software for any error in it.

White Box Testing

White box testing (also known as clear box testing, glass box testing, transparent box testing and structural testing) is a method of testing software that test internal structures of working of an application, as opposed to its functionality (i.e., black box testing). In white box testing an internal perspective of the system, as well as programming skills, are used to design test cases. The tester chooses inputs to exercise paths through the code and determine the appropriate outputs. This is analogous to testing notes in a circuit, e.g. in -circuit testing (ICT).

Black Box Testing

Black Box Testing also known as Behavioral Testing, is a software testing method in which the internal structure/design/implementation of the item being tested is not a known to the tester. These tests can be functional or non-functional, though usually functional.

This method is named so because the software program, in the eyes of the tester, is like a black box; inside which one cannot see.

This method attempts to find errors in the following categories:

1. Interface errors
2. Errors in data structures or external database access
3. Behavior or performance errors
4. Initialization and termination errors

18. LIMITATIONS & FUTURE SCOPE

Nothing is perfect in this world. So, we are also no exception. Although, we have tried our best to present the information effectively, yet, there can be further enhancement in the Application. We have taken care of all the critical aspects, which need to take care of during the development of the Project.

Like the things this project also has some limitations and can further be enhances by someone, because there are certain drawbacks that do not permit the system to be 100% accurate.

19. BIBLIOGRAPHY

I have consulted various books for the development of the project and preparing the documents:

- IGNOU STUDY MATERIAL
- WWW.GOOGLE.CO.IN
- PHP AND MY SQL WEB DEVELOPMENT
- EN.WIKIPEDIA.ORG
- http://www.w3schools.com/