



**DATABASE MANAGEMENT SYSTEMS (CSF205)**

**BTCSE-2<sup>ND</sup> YEAR | 4<sup>TH</sup> SEMESTER**

**SECTION-F (P11)**

**ACADEMIC YEAR 2021-22**

**PROJECT: - Student Record System (G5)**

**SUBMITTED BY: - Project Group Section P11**

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## **CERTIFICATE**

This is to certify that the course-based project entitled '**STUDENT RECORD SYSTEM**' is a bonafide work done by **TUSHAR GAHTORI(1000015098)**, **HARSHIT SAXENA (1000015071)**, **UDAYADITYA PANWAR (1000015535)** and **PIYUSH KUMAR(1000014994)** in partial fulfilment of the requirement for the award of degree in "BACHELOR OF TECHNOLOGY in Computer Science Engineering" during the academic year 2021-22.

**Faculty In-Charge: DR. SARABANTI MAJI**

## **ACKNOWLEDGEMENT**

It is great pleasure for us to express our gratitude to our honorable Teacher- Dr. Sarabanti Maji, for giving the opportunity and platform with facilities in accomplishing the project-based laboratory report.

We express the sincere gratitude to our course provider for the administration towards our academic growth.

We express sincere gratitude to our Coordinator for her leadership and constant motivation provided in successful completion of our academic semester.

I record it as my privilege to deeply thank our pioneer HOD CSE Dept., for providing us the efficient faculty and facilities to make our ideas into reality.

I express my sincere thanks to our project supervisor for her novel association of ideas, encouragement, appreciation, and intellectual zeal which motivated us to venture this project successfully.

Finally, it is pleased to acknowledge the indebtedness to all those who devoted themselves directly or indirectly to make this project report success.

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# **Description**

**This project implements the concepts of simple data manipulation of Students record in a reasonable way with better interface.**

**This project is in ready state to be deployed for an Institution. Interaction with a database has been made simpler and easy to Understand.**

**This Project is completed in 2 phases for the convenience of user.**

- 1. Graphical User Interfacre(Using Java).**
- 2. Database Queries(Using My Sql).**

**We completed our project keeping in mind that our program not only complete its task but also be user friendly which makes its completion perfect.**

## **Introduction:**

**What is a Student Management System?**

A student management system is a software/tool that helps manage everything related to students easily. An ideal Student Management will help you manage a range of data, including:

- Admission
- Fee Collection
- Attendance
- Library
- Timetable
- Examination
- Performance

Basically, a student management system offers a 360-degree view of students. And this helps monitor, track, and improve the educational performance and several other aspects of students.

## **Advantages of Student Management System**

### **1. Better Management of Student Data**

A student management system is also a student database management system. It helps you manage all the student-related data in a well-organized manner.

A Student Management System gives you a unique ID against every student. And using that ID, you can easily track the fee status, assignments, exam results, grades, parent info within seconds.

## **2. Improves Overall Teacher Productivity**

Similar to the students, the teachers also become more productive with a student management system. It's because, with a system in place, teachers won't have to manually take attendance, manage timetables and assignments.

Everything can be loaded on the management software, which can be accessed by all. This way, teachers can focus more on academics and learning than administrative tasks.

## **3. Provide Deeper Insights to Parents**

Parents find it quite hard to get all the info about their kids. Parent-Teacher meetings are the only times when they can talk to the teacher and ask for details.

But with a student management system in play, it all becomes easy. Parents can access their kid's data on their phones whenever they like. This way, parents can always stay updated about their kid's activities.

## **4. Easy Fee Management**

No one likes to call the parents to ask for a fee, right? Well, with a student management system, you won't have to.

The parents can access their ward's fee details on their mobiles. You can even enable notifications for parents regarding fee payments.

This way, the parents won't ever miss fee payments. Also, you won't have to direct teachers to remind the parents of fee payment.

## **5. Save Cost**

Cost-cutting is quite crucial for schools but is quite hard. One cannot decide on what's required and what's not.

However, you can cut some costs with a student management system. We're talking about the "paper costs."

If you have a software managing all the records, you won't have to purchase/maintain huge piles of paper-based records. This way you can save some money.



## LIST OF ENTITIES & ATTRIBUTES

ENTITIES	Attributes
<b>Student5</b>	S_ID, s_name, address, course_id
<b>Faculty5</b>	f_ID, f_name, address, salary
<b>Course5</b>	c_id, c_name, f_id
<b>Grades5</b>	s_id, c_id, grade
<b>Book5</b>	b_id, category, status, bookrelated

```

package StudentDBMysql;

import javax.swing.JFrame;
import javax.swing.JOptionPane;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;
import java.text.DateFormat;
import java.text.MessageFormat;
import java.text.SimpleDateFormat;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 *
 * @author Tusha
 */
public class StudentDBMysql extends javax.swing.JFrame {

    private static final String username="root";
    private static final String password="1234";
    private static final String dataConn="jdbc:mysql://localhost:3306/studentdata";

    Connection sqlConn=null;
    PreparedStatement pst=null;
    ResultSet rs=null;
    /* Creates new form StudentDBMysql
    */
    public StudentDBMysql() {
        initComponents();
        updateDB();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")

    // -----FUNCTION DECLARATION-----
    -----

```

```

public void updateDB()
{
    int q,i;

    try
    {
        Class.forName("com.mysql.jdbc.Driver");
        sqlConn =DriverManager.getConnection(dataConn,username,password);
        pst=sqlConn.prepareStatement("select * from studentdata");

        rs=pst.executeQuery();
        ResultSetMetaData StData=rs.getMetaData();
        q=StData.getColumnCount();

        DefaultTableModel RecordTable=(DefaultTableModel)jTable1.getModel();
        RecordTable.setRowCount(0);

        while(rs.next())
        {
            Vector columnData= new Vector();

            for(i=1;i<=q;i++)
            {
                columnData.add(rs.getString("id"));
                columnData.add(rs.getString("studentid"));
                columnData.add(rs.getString("firstname"));
                columnData.add(rs.getString("lastname"));
                columnData.add(rs.getString("address"));
                columnData.add(rs.getString("gender"));
                columnData.add(rs.getString("mobile"));
                columnData.add(rs.getString("java"));
                columnData.add(rs.getString("operatingsystem"));
                columnData.add(rs.getString("dbms"));
                columnData.add(rs.getString("management"));
                columnData.add(rs.getString("semiconductor"));
                columnData.add(rs.getString("probability"));
                columnData.add(rs.getString("constitution"));
                columnData.add(rs.getString("psychology"));
                columnData.add(rs.getString("humanvalues"));
                columnData.add(rs.getString("literature"));

            }
            RecordTable.addRow(columnData);
        }
    }
    catch ( Exception ex ) {
        JOptionPane.showMessageDialog(null,ex);
    }
}

```

}

//-----

*// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN: initComponents*

*private void initComponents() {*

*jPanel1 = new javax.swing.JPanel();  
jPanel2 = new javax.swing.JPanel();  
jLabel2 = new javax.swing.JLabel();  
txtSid = new javax.swing.JTextField();  
cboGen = new javax.swing.JComboBox<>();  
jLabel3 = new javax.swing.JLabel();  
txtFname = new javax.swing.JTextField();  
jLabel4 = new javax.swing.JLabel();  
txtLname = new javax.swing.JTextField();  
txtMob = new javax.swing.JTextField();  
jLabel5 = new javax.swing.JLabel();  
txtAdd = new javax.swing.JTextField();  
jLabel6 = new javax.swing.JLabel();  
jLabel7 = new javax.swing.JLabel();  
jPanel6 = new javax.swing.JPanel();  
jLabel8 = new javax.swing.JLabel();  
cboJava = new javax.swing.JComboBox<>();  
jLabel9 = new javax.swing.JLabel();  
cboOs = new javax.swing.JComboBox<>();  
jLabel10 = new javax.swing.JLabel();  
cboDbms = new javax.swing.JComboBox<>();  
jLabel11 = new javax.swing.JLabel();  
cboMgment = new javax.swing.JComboBox<>();  
jLabel12 = new javax.swing.JLabel();  
cboSemi = new javax.swing.JComboBox<>();  
jPanel7 = new javax.swing.JPanel();  
jLabel15 = new javax.swing.JLabel();  
cboPsy = new javax.swing.JComboBox<>();  
jLabel16 = new javax.swing.JLabel();  
cboHv = new javax.swing.JComboBox<>();  
jLabel13 = new javax.swing.JLabel();  
cboProb = new javax.swing.JComboBox<>();*

```

jLabel17 = new javax.swing.JLabel();
cboLite = new javax.swing.JComboBox<>();
jLabel14 = new javax.swing.JLabel();
cboCons = new javax.swing.JComboBox<>();
jPanel4 = new javax.swing.JPanel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jPanel5 = new javax.swing.JPanel();
jButton11 = new javax.swing.JButton();
jButton12 = new javax.swing.JButton();
jButton14 = new javax.swing.JButton();
jButton15 = new javax.swing.JButton();
jButton16 = new javax.swing.JButton();
jButton17 = new javax.swing.JButton();
jPanel3 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(0, 255, 204));
jPanel1.setForeground(new java.awt.Color(95, 158, 160));
jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setBackground(new java.awt.Color(255, 255, 0));

jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));
jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel2.setText("STUDENT ID");
jPanel2.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 20, 120, 30));

txtSid.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
txtSid.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtSidActionPerformed(evt);
    }
});
jPanel2.add(txtSid, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 20, 290, -1));

cboGen.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
cboGen.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"MALE", "FEMALE" }));
cboGen.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cboGenActionPerformed(evt);
    }
});

```

```
    }  
    });  
    jPanel2.add(cboGen, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 180,  
100, -1));
```

```
    jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    jLabel3.setText("FIRST NAME");  
    jPanel2.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 60,  
120, 30));
```

```
    txtFname.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    txtFname.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            txtFnameActionPerformed(evt);  
        }  
    });  
    jPanel2.add(txtFname, new org.netbeans.lib.awtextra.AbsoluteConstraints(140,  
60, 290, -1));
```

```
    jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    jLabel4.setText("LAST NAME");  
    jPanel2.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 100,  
120, 30));
```

```
    txtLname.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    txtLname.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            txtLnameActionPerformed(evt);  
        }  
    });  
    jPanel2.add(txtLname, new org.netbeans.lib.awtextra.AbsoluteConstraints(140,  
100, 290, -1));
```

```
    txtMob.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    txtMob.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            txtMobActionPerformed(evt);  
        }  
    });  
    jPanel2.add(txtMob, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 180,  
100, -1));
```

```
    jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    jLabel5.setText("MOBILE");  
    jPanel2.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 180,  
80, 30));
```

```
    txtAdd.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
    txtAdd.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```

        txtAddActionPerformed(evt);
    }
});
jPanel2.add(txtAdd, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 140,
290, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel6.setText(" ADDRESS");
jPanel2.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 140,
120, 30));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel7.setText("GENDER");
jPanel2.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 180,
120, 30));

jPanel6.setBackground(new java.awt.Color(51, 255, 51));

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

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setText("ADVANCE JAVA");

cboJava.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboJava.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));
cboJava.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cboJavaActionPerformed(evt);
    }
});

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel9.setText(" OPERATING SYSTEM");

cboOs.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboOs.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel10.setText("DBMS");

cboDbms.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboDbms.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel11.setText("MANAGEMENT");

```





```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel6Layout.createSequentialGroup()
        .addComponent(jLabel12,
javax.swing.GroupLayout.PREFERRED_SIZE, 96,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(cboSemi, 0, 86, Short.MAX_VALUE)))
        .addContainerGap()
    );
    jPanel6Layout.setVerticalGroup(

jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel6Layout.createSequentialGroup()
        .addContainerGap(9, Short.MAX_VALUE)

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING, false)
        .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(cboJava, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING, false)
        .addComponent(jLabel9, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(cboOs, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING, false)
        .addComponent(jLabel10, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(cboDbms,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING, false)
        .addComponent(jLabel11, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(cboMgmt,
javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

```

```
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel12, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(cboSemi, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(15, 15, 15))
);
```

```
jPanel2.add(jPanel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 220,
210, 250));
```

```
jPanel7.setBackground(new java.awt.Color(51, 255, 51));
```

```
jPanel7.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));
```

```
jLabel15.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel15.setText("PSYCHOLOGY");
```

```
cboPsy.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboPsy.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));
```

```
jLabel16.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel16.setText(" HUMAN VALUES");
```

```
cboHv.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboHv.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));
```

```
jLabel13.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel13.setText("PROBABILITY");
```

```
cboProb.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboProb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));
```

```
jLabel17.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel17.setText("LITERATURE");
```

```
cboLite.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboLite.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"NO", "YES", "NOT QUALIFIED" }));
```

```
jLabel14.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel14.setText(" INDIAN CONSTITUTION");
```

```
cboCons.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
cboCons.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
```

**"NO", "YES", "NOT QUALIFIED" }));**

**javax.swing.GroupLayout jPanel7Layout = new  
javax.swing.GroupLayout(jPanel7);  
jPanel7.setLayout(jPanel7Layout);  
jPanel7Layout.setHorizontalGroup(**

**jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addGap(10, 10, 10)**

**.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addGap(10, 10, 10)**

**.addComponent(jLabel16,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGap(10, 10, 10)**

**.addPreferredGap(javax.swing.GroupLayout.Alignment.LEADING)  
 .addComponent(cboHv, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addComponent(jLabel15,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addPreferredGap(javax.swing.GroupLayout.Alignment.LEADING)  
 .addComponent(cboPsy, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addComponent(jLabel17,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)**

**.addPreferredGap(javax.swing.GroupLayout.Alignment.LEADING)  
 .addComponent(cboLite, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addComponent(jLabel14,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGap(10, 10, 10)**

**.addComponent(cboCons,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGap(10, 10, 10)  
 .addGroup(jPanel7Layout.createSequentialGroup()  
 .addComponent(jLabel13,  
javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGap(10, 10, 10)  
 .addComponent(cboProb, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)  
 .addGap(10, 10, 10)**

```

);
jPanel7Layout.setVerticalGroup(

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel7Layout.createSequentialGroup()
        .addContainerGap(9, Short.MAX_VALUE)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(cboProb, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(cboCons, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel15, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(cboPsy, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel16, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(cboHv, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(jLabel17, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(cboLite, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(15, 15, 15))
);

jPanel2.add(jPanel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 220,
200, 250));

```

```
jPanel1.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 440, 480));
```

```
jPanel4.setBackground(new java.awt.Color(255, 255, 51));
```

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

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

```
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null, null}
    },
    new String [] {
        "ID", "Student ID", "First Name", "Last Name", "Address", "Gender",
        "Mobile", "Advance Java", "Operating System", "DBMS", "Management", "Semi-Conductor", "Probability", "Indian Constitution", "Psychology", "Human Values", "LITERATURE"
    }
));
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jTable1);
```

```
jPanel4.add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 17, 940, 450));
```

```
jPanel1.add(jPanel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 10, 960, 480));
```

```
jPanel5.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED));
```

```
jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
jButton11.setBackground(new java.awt.Color(0, 255, 255));
```

```
jButton11.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
```

```
jButton11.setText("ADD NEW");
```

```
jButton11.addActionListener(new java.awt.event.ActionListener() {
```

```
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton11ActionPerformed(evt);
        }
    });
    jPanel5.add(jButton11, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10,
210, 100));
```

```
    jButton12.setBackground(new java.awt.Color(0, 255, 255));
    jButton12.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    jButton12.setText("EXIT");
    jButton12.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton12ActionPerformed(evt);
        }
    });
    jPanel5.add(jButton12, new org.netbeans.lib.awtextra.AbsoluteConstraints(1170,
10, 210, 100));
```

```
    jButton14.setBackground(new java.awt.Color(0, 255, 255));
    jButton14.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    jButton14.setText("DELETE");
    jButton14.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton14ActionPerformed(evt);
        }
    });
    jPanel5.add(jButton14, new org.netbeans.lib.awtextra.AbsoluteConstraints(940,
10, 210, 100));
```

```
    jButton15.setBackground(new java.awt.Color(0, 255, 255));
    jButton15.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    jButton15.setText("RESET");
    jButton15.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton15ActionPerformed(evt);
        }
    });
    jPanel5.add(jButton15, new org.netbeans.lib.awtextra.AbsoluteConstraints(710,
10, 210, 100));
```

```
    jButton16.setBackground(new java.awt.Color(0, 255, 255));
    jButton16.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    jButton16.setText("UPDATE");
    jButton16.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton16ActionPerformed(evt);
        }
    });
    jPanel5.add(jButton16, new org.netbeans.lib.awtextra.AbsoluteConstraints(480,
10, 210, 100));
```

```

jButton17.setBackground(new java.awt.Color(0, 255, 255));
jButton17.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jButton17.setText("PRINT");
jButton17.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton17ActionPerformed(evt);
    }
});
jPanel5.add(jButton17, new org.netbeans.lib.awtextra.AbsoluteConstraints(250,
10, 210, 100));

jPanel1.add(jPanel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 520,
1410, 120));

getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 120, 1440, 660));

jPanel3.setBackground(new java.awt.Color(255, 0, 0));

jPanel3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.B
evelBorder.RAISED));
jPanel3.setForeground(new java.awt.Color(102, 255, 51));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 60)); // NOI18N
jLabel1.setText("STUDENT DATABASE MANAGEMENT SYSTEM");
jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 10,
1380, 70));

getContentPane().add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 1440, 90));

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

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButton11ActionPerformed

try
{
    Class.forName("com.mysql.jdbc.Driver");
    sqlConn = DriverManager.getConnection(dataConn, username, password);
    pst = sqlConn.prepareStatement("insert into
studentdata(studentid,firstname,lastname,address,gender,mobile,java,operatingsystem,
dbms,management,semiconductor,probability,constitution,psychology,humanvalues,lite
rature)values(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)");

```

```

        pst.setString(1,txtSid.getText());
        pst.setString(2,txtFname.getText());
        pst.setString(3,txtLname.getText());
        pst.setString(4,txtAdd.getText());
        pst.setString(5,(String)cboGen.getSelectedItem());
        pst.setString(6,txtMob.getText());
        pst.setString(7,(String)cboJava.getSelectedItem());
        pst.setString(8,(String)cboOs.getSelectedItem());
        pst.setString(9,(String)cboDbms.getSelectedItem());
        pst.setString(10,(String)cboMgment.getSelectedItem());
        pst.setString(11,(String)cboSemi.getSelectedItem());
        pst.setString(12,(String)cboProb.getSelectedItem());
        pst.setString(13,(String)cboCons.getSelectedItem());
        pst.setString(14,(String)cboPsy.getSelectedItem());
        pst.setString(15,(String)cboHv.getSelectedItem());
        pst.setString(16,(String)cboLite.getSelectedItem());

        pst.executeUpdate();
        JOptionPane.showMessageDialog(this,"Student Record Added");
        updateDB();
    }
    catch ( SQLException ex ) {

java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
    } catch ( ClassNotFoundException ex ) {
        Logger.getLogger(StudentDBMysql.class.getName()).log(Level.SEVERE, null,
ex);
    }

    }//GEN-LAST:event_jButton11ActionPerformed
private JFrame frame;
    private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton12ActionPerformed
        frame = new JFrame("EXIT");
        if(JOptionPane.showConfirmDialog(frame,"Confirm if you want to
exit","Student Database Management System",
JOptionPane.YES_NO_OPTION)==JOptionPane.YES_NO_OPTION)
        {
            System.exit(0);
        }
    }//GEN-LAST:event_jButton12ActionPerformed

    private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
FIRST:event_jButton14ActionPerformed

        DefaultTableModel RecordTable=(DefaultTableModel)jTable1.getModel();
        int SelectedRows=jTable1.getSelectedRow();

```



```

try
{
    int id=Integer.parseInt(RecordTable.getValueAt(SelectedRows, 0).toString());

    int DeleteItem=JOptionPane.showConfirmDialog(null,"Confirm if u want to
delete item","Warning",JOptionPane.YES_NO_OPTION);
    if(DeleteItem==JOptionPane.YES_OPTION)
    {

        Class.forName("com.mysql.jdbc.Driver");
        sqlConn =DriverManager.getConnection(dataConn,username,password);
        pst=sqlConn.prepareStatement("delete from studentdata where id=?");

        pst.setInt(1,id);
        pst.executeUpdate();
        JOptionPane.showMessageDialog(this,"Student Record Updated");
        updateDB();

        txtSid.setText("");
        txtSid.requestFocus();
        txtFname.setText("");
        txtLname.setText("");
        txtAdd.setText("");
        cboGen.setSelectedIndex(0);
        txtMob.setText("");
        cboJava.setSelectedIndex(0);
        cboOs.setSelectedIndex(0);
        cboDbms.setSelectedIndex(0);
        cboMgment.setSelectedIndex(0);
        cboSemi.setSelectedIndex(0);
        cboProb.setSelectedIndex(0);
        cboCons.setSelectedIndex(0);
        cboPsy.setSelectedIndex(0);
        cboHv.setSelectedIndex(0);
        cboLite.setSelectedIndex(0);
    }

}
catch ( SQLException ex ) {

java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(StudentDBMysql.class.getName()).log(Level.SEVERE, null,
ex);
}
}

```

*//GEN-LAST:event\_jButton14ActionPerformed*

*private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton15ActionPerformed*

```
txtSid.setText("");
txtFname.setText("");
txtLname.setText("");
txtAdd.setText("");
cboGen.setSelectedIndex(0);
txtMob.setText("");
cboJava.setSelectedIndex(0);
cboOs.setSelectedIndex(0);
cboDbms.setSelectedIndex(0);
cboMgment.setSelectedIndex(0);
cboSemi.setSelectedIndex(0);
cboProb.setSelectedIndex(0);
cboCons.setSelectedIndex(0);
cboPsy.setSelectedIndex(0);
cboHv.setSelectedIndex(0);
cboLite.setSelectedIndex(0);
```

```
DefaultTableModel RecordTable=(DefaultTableModel)jTable1.getModel();
RecordTable.setRowCount(0);
```

*//GEN-LAST:event\_jButton15ActionPerformed*

*private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton16ActionPerformed*

```
DefaultTableModel RecordTable=(DefaultTableModel)jTable1.getModel();
int SelectedRows=jTable1.getSelectedRow();
```

```
try
{
    int id=Integer.parseInt(RecordTable.getValueAt(SelectedRows, 0).toString());
    Class.forName("com.mysql.jdbc.Driver");
    sqlConn =DriverManager.getConnection(dataConn,username,password);
    pst=sqlConn.prepareStatement("update studentdata set studentid=?
,firstname=?,
lastname=?,address=?,gender=?,mobile=?,java=?,operatingsystem=?,dbms=?,manage
ment=?,semiconductor=?,probability=?,constitution=?,psychology=?,humanvalues=?,li
terature=? where id=?");
```

```
pst.setString(1,txtSid.getText());
pst.setString(2,txtFname.getText());
```

```
pst.executeUpdate();
JOptionPane.showMessageDialog(this,"Student Record Updateded");
updateDB();

catch ( SQLException ex ) {
```

```

} // GEN-LAST:event_jButton16ActionPerformed

```

```
MessageFormat header=new MessageFormat("Printing in process");  
MessageFormat footer=new MessageFormat("Page {0,number,integer}");
```

```
private void txtSidActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event txtSidActionPerformed
```

```

        // TODO add your handling code here:
    }//GEN-LAST:event_txtSidActionPerformed

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

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

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

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

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

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

    private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {//GEN-
FIRST:event_jTable1MouseClicked

```

```

        DefaultTableModel RecordTable=(DefaultTableModel)jTable1.getModel();
        int SelectedRows=jTable1.getSelectedRow();

```

```

        txtSid.setText(RecordTable.getValueAt(SelectedRows, 1).toString());
        txtFname.setText(RecordTable.getValueAt(SelectedRows, 2).toString());
        txtLname.setText(RecordTable.getValueAt(SelectedRows, 3).toString());
        txtAdd.setText(RecordTable.getValueAt(SelectedRows, 4).toString());
        cboGen.setSelectedItem(RecordTable.getValueAt(SelectedRows, 5).toString());
        txtMob.setText(RecordTable.getValueAt(SelectedRows, 6).toString());
        cboJava.setSelectedItem(RecordTable.getValueAt(SelectedRows, 7).toString());
        cboOs.setSelectedItem(RecordTable.getValueAt(SelectedRows, 8).toString());
        cboDbms.setSelectedItem(RecordTable.getValueAt(SelectedRows, 9).toString());

```

```

        cboMgment.setSelectedItem(RecordTable.getValueAt(SelectedRows,
10).toString());
        cboSemi.setSelectedItem(RecordTable.getValueAt(SelectedRows,
11).toString());cboGen.setSelectedItem(RecordTable.getValueAt(SelectedRows,
1).toString());
        cboProb.setSelectedItem(RecordTable.getValueAt(SelectedRows, 12).toString());
        cboCons.setSelectedItem(RecordTable.getValueAt(SelectedRows, 13).toString());
        cboPsy.setSelectedItem(RecordTable.getValueAt(SelectedRows, 14).toString());
        cboHv.setSelectedItem(RecordTable.getValueAt(SelectedRows, 15).toString());
        cboLite.setSelectedItem(RecordTable.getValueAt(SelectedRows, 16).toString());

```

```

} //GEN-LAST:event_jTable1MouseClicked

```

```

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

        java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

        java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

        java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

        java.util.logging.Logger.getLogger(StudentDBMysql.class.getName()).log(java.util.log
ging.Level.SEVERE, null, ex);
    }
}

```

*//</editor-fold>*

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

*// Variables declaration - do not modify//GEN-BEGIN:variables*

```
private javax.swing.JComboBox<String> cboCons;
private javax.swing.JComboBox<String> cboDbms;
private javax.swing.JComboBox<String> cboGen;
private javax.swing.JComboBox<String> cboHv;
private javax.swing.JComboBox<String> cboJava;
private javax.swing.JComboBox<String> cboLite;
private javax.swing.JComboBox<String> cboMgment;
private javax.swing.JComboBox<String> cboOs;
private javax.swing.JComboBox<String> cboProb;
private javax.swing.JComboBox<String> cboPsy;
private javax.swing.JComboBox<String> cboSemi;
private javax.swing.JButton jButton11;
private javax.swing.JButton jButton12;
private javax.swing.JButton jButton14;
private javax.swing.JButton jButton15;
private javax.swing.JButton jButton16;
private javax.swing.JButton jButton17;
private javax.swing.JLabel jLabel1;
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 jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
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.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField txtAdd;
private javax.swing.JTextField txtFname;
private javax.swing.JTextField txtLname;
private javax.swing.JTextField txtMob;
private javax.swing.JTextField txtSid;
// End of variables declaration//GEN-END:variables
}

```

# STUDENT DATABASE MANAGEMENT SYSTEM

STUDENT ID

89353

FIRST NAME

Himanshu

LAST NAME

Joshi

ADDRESS

Haldwani

GENDER

MALE

MOBILE

8877373

ADVANCE J...

YES

PROBABIL...

YES

OPERATIN...

YES

INDIAN C...

NO

DBMS

NO

PSYCHOLO...

YES

MANAGEM...

NO

HUMAN V...

NO

SEMI-CON...

YES

LITERATURE

NO

ID	Studen...	First N...	Last N...	Address	Gender	Mobile	Advan...	Operat...	DBMS	Manag...	Semi...	Proba...	Indian ...	Psych...	Huma...	LITER...
1	1234	tushar	gahtori	Luckn...	MALE	98126...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
2	67253...	Harshit	Saxena	Sitarga...	MALE	89743...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
3	856456	Harsh	Chawla	Paonta...	MALE	76549...	NO	NO	NO	YES	NO	YES	YES	YES	YES	YES
4	983245	Udaya...	Panwar	Gurgaon	MALE	2547	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
7	10000...	adarsh	rastogi	dehrad...	MALE	8877988	YES	NOT ...	YES	YES	YES	YES	NO	YES	NO	NO

ADD NEW

PRINT

UPDATE

RESET

DELETE

EXIT

# STUDENT DATABASE MANAGEMENT SYSTEM

STUDENT ID

FIRST NAME

LAST NAME

ADDRESS

GENDER  MOBILE

ADVANCE J...  PROBABIL...

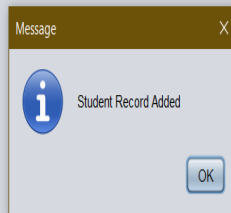
OPERATIN...  INDIAN C...

DBMS  PSYCHOLO...

MANAGEM...  HUMAN V...

SEMI-CON...  LITERATURE

ID	Studen...	First N...	Last N...	Address	Gender	Mobile	Advan...	Operat...	DBMS	Manag...	Semi-...	Proba...	Indian ...	Psych...	Huma...	LITER...
1	1234	tushar	gahtori	Luckn...	MALE	98126...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
2	67253...	Harshit	Saxena	Sitarga...	MALE	89743...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
3	858456	Harsh	Chawla	Paonta...	MALE	78549...	NO	NO	NO	YES	NO	NO	YES	YES	YES	YES
4	983245	Udaya...	Panwar	Gurgaon	MALE	2547	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
7	10000...	adarsh	rastogi	dehrad...	MALE	8877986	YES	NOT ...	YES	YES	YES	YES	NO	YES	NO	NO



ADD NEW

PRINT

UPDATE

RESET

DELETE

EXIT



# STUDENT DATABASE MANAGEMENT SYSTEM

STUDENT ID89353

FIRST NAMEHimanshu

LAST NAMEJoshi

ADDRESSHaldwani

GENDERMALEMOBILE8877373

ADVANCE J...YES

PROBABIL...YES

OPERATIN...YES

INDIAN C...NO

DBMSNO

PSYCHOLO...YES

MANAGEM...NO

HUMAN V...NO

SEMI-CON...YES

LITERATURENO

ID	Studen...	First N...	Last N...	Address	Gender	Mobile	Advan...	Operat...	DBMS	Manag...	Semi...	Proba...	Indian ...	Psych...	Huma...	LITER...
1	1234	tushar	gahtori	Luckn...	MALE	98126...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
2	67253...	Harshit	Savena	Sitarga...	MALE	89743...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
3	856456	Harsh	Chawla	Paonta...	MALE	76549...	NO	NO	NO	YES	NO	NO	YES	YES	YES	YES
4	983245	Udaya...	Panwar	Gurgaon	MALE	2547	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
7	10000...	adarsh	rastogi	dehrad...	MALE	8677986	YES	NOT	YES	YES	YES	YES	NO	YES	NO	NO
9	89353	Himan...	Joshi	Haldw...	MALE	8877373	YES	YES	NO	NO	YES	YES	NO	YES	NO	NO

ADD NEW

PRINT

UPDATE

RESET

DELETE

EXIT

# STUDENT DATABASE MANAGEMENT SYSTEM

STUDENT ID89353

FIRST NAMEHimanshu

LAST NAMEJoshi

ADDRESSHaldwani

GENDERMALEMOBILE8877373

ADVANCE J...YES

PROBABIL...YES

OPERATIN...YES

INDIAN C...NO

DBMSNO

PSYCHOLO...YES

MANAGEM...NO

HUMAN V...NO

SEMI-CON...YES

LITERATURENO

ID	Studen...	First N...	Last N...	Address	Gender	Mobile	Advan...	Operat...	DBMS	Manag...	Semi...	Proba...	Indian ...	Psych...	Huma...	LITER...
1	1234	tushar	gahtori	Luckn...	MALE	98126...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
2	67253...	Harshit	Savena	Sitarga...	MALE	89743...	YES	YES	YES	YES	YES	NO	YES	NO	NO	NO
3	856456	Harsh	Chawla	Paonta...	MALE	76549...	NO	NO	NO	YES	NO	NO	YES	YES	YES	YES
4	983245	Udaya...	Panwar	Gurgaon	MALE	2547	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
7	10000...	adarsh	rastogi	dehrad...	MALE	8677986	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
9	89353	Himan...	Joshi	Haldw...	MALE	8877373	YES	YES	NO	NO	YES	YES	NO	YES	NO	NO

Warning  
Confirm if u want to delete item  
Yes No

ADD NEW

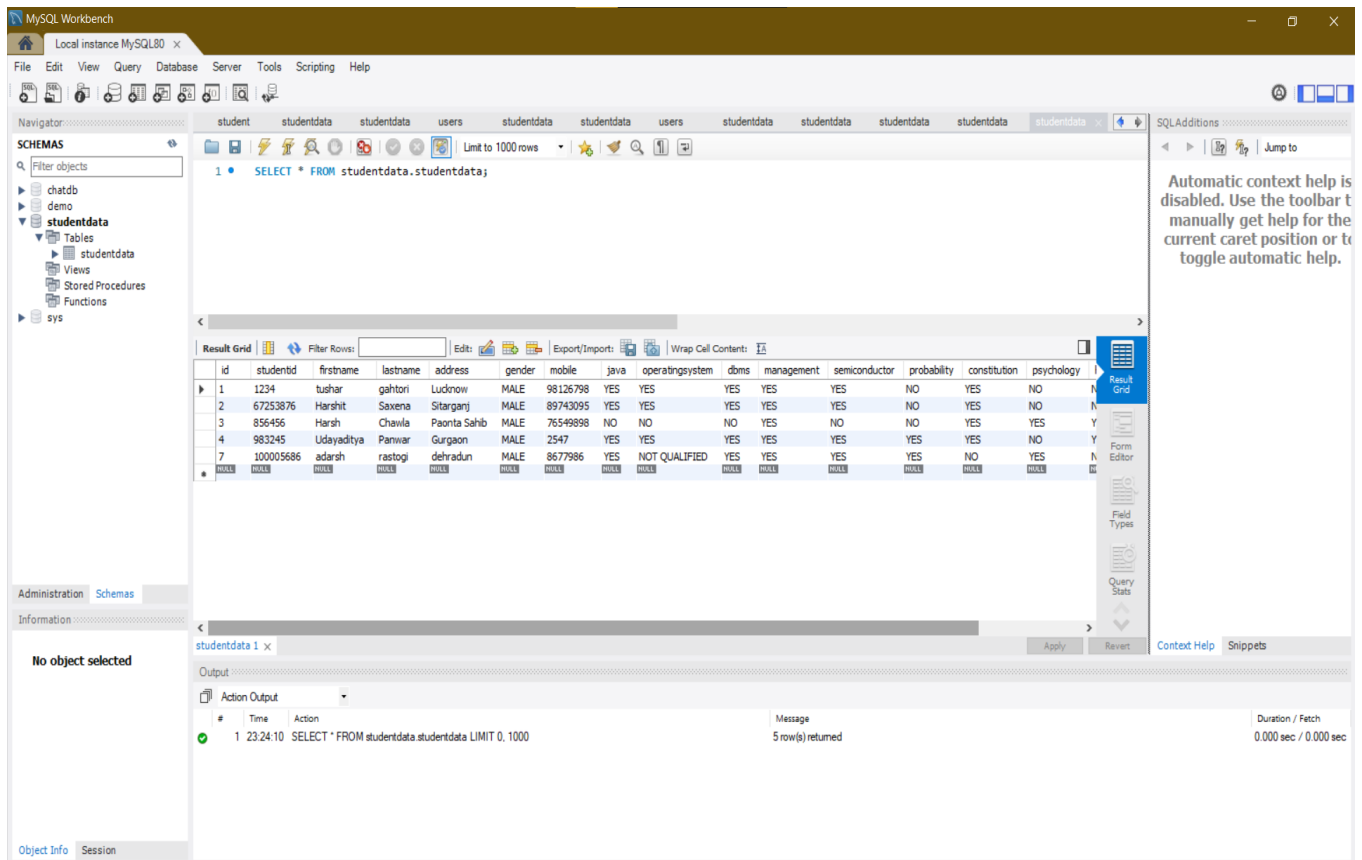
PRINT

UPDATE

RESET

DELETE

EXIT



## conclusion...

We were able to make the Students Record System with the help of the learnings given by our teacher. We have successfully understood the topics and were able to write the queries for this project.

It was a wonderful and learning experience for us while working on this project. The joy of working and the thrill involved while tackling the various problems and challenges gave me a feel of the industry. We enjoyed every bit of work We had put into this project.

**Thank you**