

Project Report on
Database Management System

By

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EXPERIMENT N0-11

Write a Program to perform database connectivity (JDBC/ODBC)

TASK:

Reservation and cancellation page which should be accessed by admin for accepting and cancelling also user should be able to fill that form for same reserving and cancelling

ADMIN:

The screenshot shows a web application window titled "RESERVATION". On the left, there is a form with the following fields:

- Reservation ID**: R005
- Name**: HARSH
- member ID**: AH_01
- Facility**: A dropdown menu with "GYM" selected and a list of options: GYM, COMMON POLL1, COMMON POLL2, LADIES POOL, KIDS POOL, SQUASH1, SQUASH2.
- Date**: (empty)
- Time**: (empty)

Below the form are three buttons: "SAVE", "DELETE", and "CLEAR".

On the right, there is a table with the following data:

reservation id	name	facility	mid	date	time
R004	ASHU	COMMON PO...	AH_04	15-05-2021	7AM

RESERVATION

Reservation ID

R005

Name

HARSH

member ID

AH_01

Facility

SQUASH1

Date

18-05-2021

Time

5PM

SAVE

DELETE

CLEAR

reservation id	name	facility	mid	date	time
R004	ASHU	COMMON PO...	AH_04	15-05-2021	7AM

RESERVATION

Reservation ID

R005

Name

HARSH

member ID

AH_01

Facility

SQUASH1

Date

18-05-2021

Time

5PM

SAVE

DELETE

CLEAR

reservation id	name	facility	mid	date	time
R004	ASHU	COMMON PO...	AH_04	15-05-2021	7AM

Message

RESERVATION ADDED!!

OK

RESERVATION

Reservation ID

R006

Name

VISHAL

member ID

GYM

Facility

GYM

Date

25-05-2021

Time

10AM

SAVE

DELETE

CLEAR

reservation id	name	facility	mid	date	time
R004	ASHU	COMMON PO...	AH_04	15-05-2021	7AM
R005	HARSH	SQUASH1	AH_01	18-05-2021	5PM
R006	VISHAL	GYM	AH_07	25-05-2021	10AM

Message

i

RESERVATION DELETED !!

OK

USER:

USER RESERVATION

Reservation ID

R006

Name

DEEPAK

member ID

AH_10

Facility

KIDS POOL

Date

19-05-2021

Time

10AM

SAVE

CLEAR

CLICK HERE TO CANCEL RESERVATION

USER RESERVATION

Reservation ID

R006

Name

DEEPAK

mem

Facilit

Date

Time

Message

X

i

RESERVATION ADDED!!

OK

SAVE

CLEAR

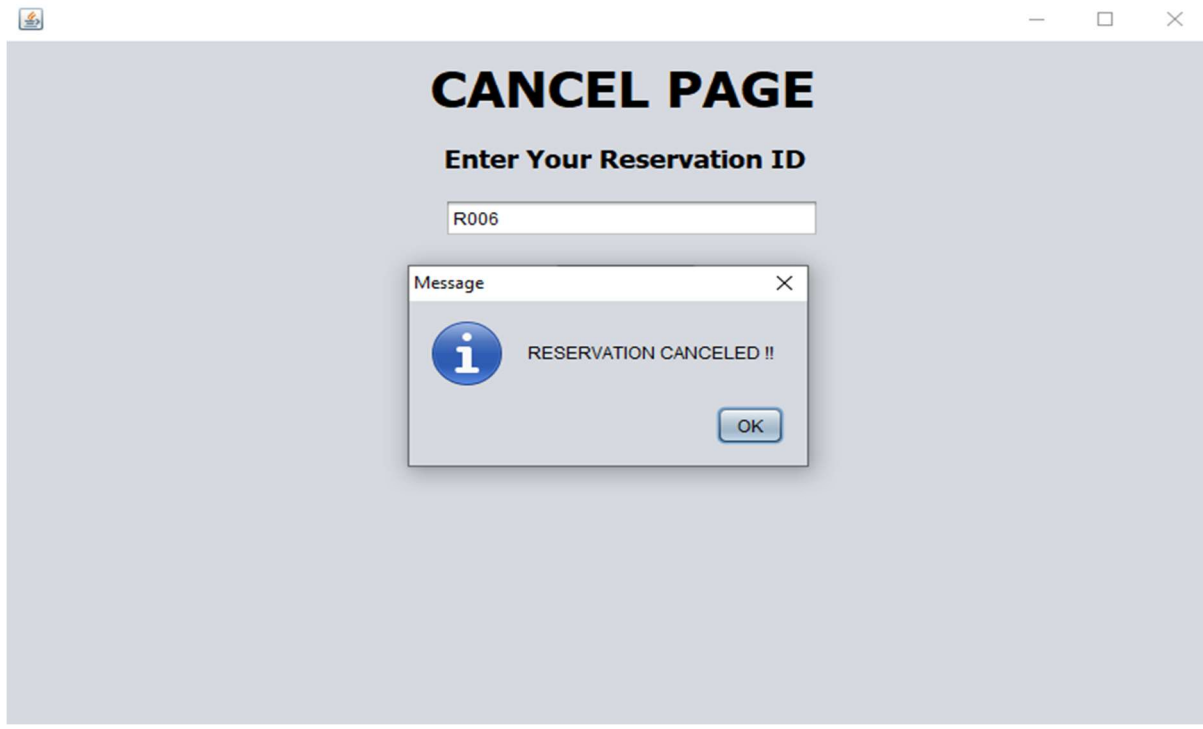
CLICK HERE TO CANCEL RESERVATION

CANCEL PAGE

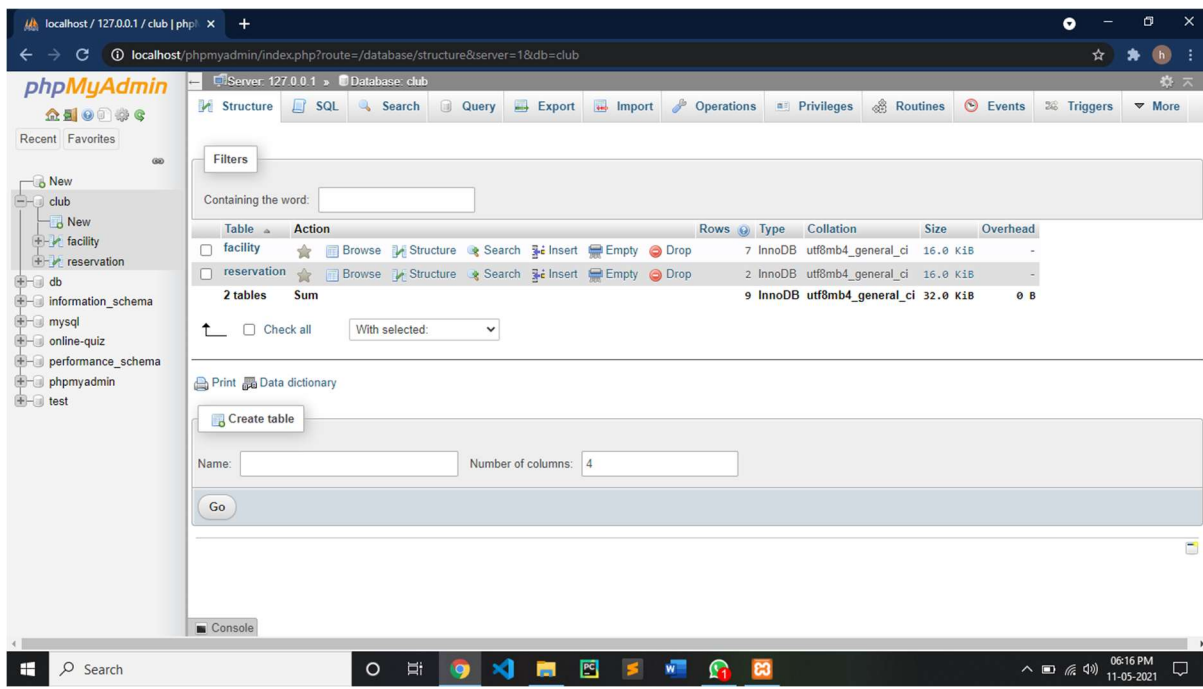
Enter Your Reservation ID

R006

CANCEL



DATABASE:



localhost / 127.0.0.1 / club / facit

localhost/phpmyadmin/index.php?route=/sql&db=club&table=facility&pos=0

Server: 127.0.0.1 Database: club Table: facility

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 6 (7 total, Query took 0.0008 seconds)

```
SELECT * FROM `facility`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

fname	capacity
GYM	50
COMMON POLL1	100
COMMON POOL2	100
LADIES POOL	100
KIDS POOL	100
SQUASH1	150
SQUASH2	150

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

localhost / 127.0.0.1 / club / rese

localhost/phpmyadmin/index.php?route=/sql&server=1&db=club&table=reservation&pos=0

Server: 127.0.0.1 Database: club Table: reservation

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds)

```
SELECT * FROM `reservation`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	reid	name	mid	facility	date	time
<input type="checkbox"/>	R004	ASHU	AH_04	COMMON POLL1	15-05-2021	7AM
<input type="checkbox"/>	R005	HARSH	AH_01	SQUASH1	18-05-2021	5PM

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

CODE:

ADMIN RESERVATION PAGE:

```
/*  
  
* To change this license header, choose License Headers in Project Properties.  
* To change this template file, choose Tools | Templates  
* and open the template in the editor.  
*/  
  
package Reservationcancel;  
  
  
import com.mysql.jdbc.Statement;  
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 java.util.Vector;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
  
  
/**  
  
*  
* @author Harsh  
*/  
  
public class reservation extends javax.swing.JFrame {  
  
  
/**  
  
* Creates new form reservation
```



```

*/

public reservation() {
    initComponents();
    Connect();
    autoID();
    factype();
    Load_reservation();
}

Connection con;
PreparedStatement pst;

public void Connect(){
    try {
        Class.forName("com.mysql.jdbc.Driver");
        con = DriverManager.getConnection("jdbc:mysql://localhost/club","root","");
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(reservation.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(reservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

public void autoID(){
    try {
        java.sql.Statement s = con.createStatement(); //hi
        ResultSet rs = s.executeQuery("select MAX(reid) from reservation");
        rs.next();
        rs.getString("MAX(reid)");
        if(rs.getString("MAX(reid)")== null){

```

```

        jLabel8.setText("R0001");
    }
    else{
        long id =
Long.parseLong(rs.getString("MAX(reid)").substring(2,rs.getString("MAX(reid)").length()))
;
        id++;
        jLabel8.setText("R"+String.format("%03d",id));
    }

```

```

    } catch (SQLException ex) {
        Logger.getLogger(reservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

```

```

public void factype(){
    try {
        pst = con.prepareStatement("select * from facility");
        ResultSet rs = pst.executeQuery();
        txtfac.removeAllItems();
        while(rs.next()){
            txtfac.addItem(rs.getString(1));
        }
    } catch (SQLException ex) {
        Logger.getLogger(reservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

```

```

public void Load_reservation(){
    int c;

```

```

try {
    pst = con.prepareStatement("select * from reservation");
    ResultSet rs = pst.executeQuery();
    ResultSetMetaData rsd = rs.getMetaData();
    c = rsd.getColumnCount();
    DefaultTableModel d = (DefaultTableModel)jTable1.getModel();
    d.setRowCount(0);
    while(rs.next()){
        Vector v2 = new Vector();
        int i;
        for(i=1;i<=c;i++){
            v2.add(rs.getString("reid"));
            v2.add(rs.getString("name"));
            v2.add(rs.getString("facility"));
            v2.add(rs.getString("mid"));
            v2.add(rs.getString("date"));
            v2.add(rs.getString("time"));
        }
        d.addRow(v2);
    }

} catch (SQLException ex) {
    Logger.getLogger(reservation.class.getName()).log(Level.SEVERE, null, ex);
}
}

```

```
/**
```

* 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")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    txtname = new javax.swing.JTextField();
    txtmid = new javax.swing.JTextField();
    txtfac = new javax.swing.JComboBox<>();
    txtdate = new javax.swing.JTextField();
    txttime = new javax.swing.JTextField();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jLabel8 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    jLabel11 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));

```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("Reservation ID");
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Name");
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("member ID");
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Facility");
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Date");
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Time");
```

```
txtname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtnameActionPerformed(evt);
    }
});
```

```
jButton1.setText("SAVE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
```

```
jButton2.setText("DELETE");  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
jButton3.setText("CLEAR");  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});
```

```
jTable1.setModel(new javax.swing.table.DefaultTableModel(  
    new Object [][] {  
  
    },  
    new String [] {  
        "reservation id", "name", "facility", "mid", "date", "time"  
    }  
));  
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        jTable1MouseClicked(evt);  
    }  
});  
jScrollPane1.setViewportView(jTable1);
```

```

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 0, 51));
jLabel8.setText("jLabel8");

jPanel2.setBackground(new java.awt.Color(102, 0, 102));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 0));
jLabel1.setText("RESERVATION");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(198, 198, 198)
            .addComponent(jLabel1)
            .addGap(206, Short.MAX_VALUE))
        );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(198, 198, 198)
            .addComponent(jLabel1)
            .addGap(206, Short.MAX_VALUE))
        );

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

```

```

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(40, 40, 40)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(139, 139, 139)

                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(txtname,
                                javax.swing.GroupLayout.PREFERRED_SIZE, 154,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(jPanel2,
                                javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txtmid,
                                javax.swing.GroupLayout.PREFERRED_SIZE, 154,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txtfac,
                                javax.swing.GroupLayout.PREFERRED_SIZE, 154,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txtdate,
                                javax.swing.GroupLayout.PREFERRED_SIZE, 154,
                                javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txttime,
                                javax.swing.GroupLayout.PREFERRED_SIZE, 154,
                                javax.swing.GroupLayout.PREFERRED_SIZE)))
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addComponent(jButton1)
                            .addGap(67, 67, 67)
                            .addComponent(jButton2)

```



```

        .addGap(76, 76, 76)
        .addComponent(jButton3)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jLabel3)
        .addComponent(jLabel2)
        .addComponent(jLabel4)
        .addComponent(jLabel5)
        .addComponent(jLabel6)
        .addComponent(jLabel7))
        .addGap(44, 44, 44)
        .addComponent(jLabel8)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
213, Short.MAX_VALUE)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
569, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(56, 56, 56))))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
NG)

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(47, 47, 47)

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel2)
```

```
    .addComponent(jLabel8))
```

```
    .addGap(27, 27, 27)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel3)
```

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

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel4)
```

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

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel5)
```

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

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel6)
```

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

```

        .addGap(18, 18, 18)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jLabel7)

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

        .addGap(57, 57, 57)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jButton1)

            .addComponent(jButton2)

            .addComponent(jButton3))

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

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

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(30, 30, 30))))

    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```

```

        .addContainerGap()
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
    );

    pack();
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String rno = jLabel8.getText();
    String name = txtname.getText();
    String mid = txtmid.getText();
    String fac = txtfac.getSelectedItem().toString();
    String date = txtdate.getText();
    String time = txttime.getText();
    try{
        pst = con.prepareStatement("insert into reservation(reid,name,mid,facility,date,time)
values(?,?,?,?,?,?)");
        pst.setString(1,rno);
        pst.setString(2,name);
        pst.setString(3,mid);
        pst.setString(4,fac);
        pst.setString(5,date);
        pst.setString(6,time);
        pst.executeUpdate();
    }
}

```

```

JOptionPane.showMessageDialog(this,"RESERVATION ADDDDDED!!");

txtname.setText("");
txtmid.setText("");
txtfac.setSelectedItem(-1);
txtdate.setText("");
txttime.setText("");
autoID();

} catch(SQLException ex){
    Logger.getLogger(reservation.class.getName()).log(Level.SEVERE,null,ex);
}
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String rno = jLabel8.getText();

    try{
        pst = con.prepareStatement("delete from reservation where reid=?");
        pst.setString(1,rno);

        pst.executeUpdate();
        JOptionPane.showMessageDialog(this,"RESERVATION DELETED !!");

        txtname.setText("");
        txtmid.setText("");
        txtfac.setSelectedItem(-1);
        txtdate.setText("");
        txttime.setText("");
    }
}

```

```

        autoID();

    } catch(SQLException ex){
        Logger.getLogger(reservation.class.getName()).log(Level.SEVERE,null,ex);
    }
}

private void txtnameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    DefaultTableModel d = (DefaultTableModel)jTable1.getModel();
    int selectIndex = jTable1.getSelectedRow();

    jLabel8.setText(d.getValueAt(selectIndex,0).toString());
    txtname.setText(d.getValueAt(selectIndex,1).toString());
    txtmid.setText(d.getValueAt(selectIndex,2).toString());
    txtfac.setSelectedItem(d.getValueAt(selectIndex,3).toString());
    txtdate.setText(d.getValueAt(selectIndex,4).toString());
    txttime.setText(d.getValueAt(selectIndex,5).toString());
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    txtname.setText("");
    txtmid.setText("");
    txtfac.setSelectedItem(-1);
}

```

```

        txtdate.setText("");
        txttime.setText("");
        autoID();
        Load_reservation();

    }

    /**
     * @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(reservation.class.getName()).log(java.util.logging.Level.
            SEVERE, null, ex);

        } catch (InstantiationException ex) {

```

```
java.util.logging.Logger.getLogger(reservation.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);
```

```
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(reservation.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);
```

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(reservation.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);
```

```
    }
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(new Runnable() {
```

```
    public void run() {
```

```
        new reservation().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JButton jButton3;
```

```
private javax.swing.JLabel jLabel1;
```

```
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.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField txtdate;
private javax.swing.JComboBox<String> txtfac;
private javax.swing.JTextField txtmid;
private javax.swing.JTextField txtname;
private javax.swing.JTextField txttime;
// End of variables declaration
}
```

USER RESERVATION:

```
/*
```

```
* To change this license header, choose License Headers in Project Properties.
```

```
* To change this template file, choose Tools | Templates
```

```
* and open the template in the editor.
```

```
*/
```

```
package uregister;
```

```
import com.mysql.jdbc.Statement;
```

```
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 java.util.Vector;
```

```

import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

/**
 *
 * @author Harsh
 */
public class ureservation extends javax.swing.JFrame {

    /**
     * Creates new form reservation
     */
    public ureservation() {
        initComponents();
        Connect();
        autoID();
        factype();
        //Load_reservation();
    }

    Connection con;
    PreparedStatement pst;

    public void Connect(){
        try {
            Class.forName("com.mysql.jdbc.Driver");
            con = DriverManager.getConnection("jdbc:mysql://localhost/club","root","");
        } catch (ClassNotFoundException ex) {

```

```

        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

public void autoID(){
    try {
        java.sql.Statement s = con.createStatement(); //hi
        ResultSet rs = s.executeQuery("select MAX(reid) from reservation");
        rs.next();
        rs.getString("MAX(reid)");
        if(rs.getString("MAX(reid)")== null){
            jLabel8.setText("R0001");
        }
        else{
            long id =
Long.parseLong(rs.getString("MAX(reid)").substring(2,rs.getString("MAX(reid)").length()))
;

            id++;
            jLabel8.setText("R"+String.format("%03d",id));
        }

    } catch (SQLException ex) {
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

public void factype(){
    try {

```

```

        pst = con.prepareStatement("select * from facility");
        ResultSet rs = pst.executeQuery();
        txtfac.removeAllItems();
        while(rs.next()){
            txtfac.addItem(rs.getString(1));
        }
    } catch (SQLException ex) {
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
    }
}

```

```

// public void Load_reservation(){
//     int c;
//     try {
//         pst = con.prepareStatement("select * from reservation");
//         ResultSet rs = pst.executeQuery();
//         ResultSetMetaData rsd = rs.getMetaData();
//         c = rsd.getColumnCount();
//         DefaultTableModel d = (DefaultTableModel)jTable1.getModel();
//         d.setRowCount(0);
//         while(rs.next()){
//             Vector v2 = new Vector();
//             int i;
//             for(i=1;i<=c;i++){
//                 v2.add(rs.getString("reid"));
//                 v2.add(rs.getString("name"));
//                 v2.add(rs.getString("facility"));
//                 v2.add(rs.getString("mid"));
//                 v2.add(rs.getString("date"));
//                 v2.add(rs.getString("time"));
//             }
//         }
//     } catch (SQLException ex) {
//         Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
//     }
// }

```

```

//      }
//      d.addRow(v2);
//      }
//
//    } catch (SQLException ex) {
//      Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
//    }
//  }

```

```

/**

```

```

    * 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")

```

```

// <editor-fold defaultstate="collapsed" desc="Generated Code">

```

```

private void initComponents() {

```

```

    jPanel1 = new javax.swing.JPanel();

```

```

    jLabel2 = new javax.swing.JLabel();

```

```

    jLabel3 = new javax.swing.JLabel();

```

```

    jLabel4 = new javax.swing.JLabel();

```

```

    jLabel5 = new javax.swing.JLabel();

```

```

    jLabel6 = new javax.swing.JLabel();

```

```

    jLabel7 = new javax.swing.JLabel();

```

```

    txtname = new javax.swing.JTextField();

```

```

    txtmid = new javax.swing.JTextField();

```

```

    txtfac = new javax.swing.JComboBox<>();

```

```

    txtdate = new javax.swing.JTextField();

```

```

    txttime = new javax.swing.JTextField();

```

```
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jLabel8 = new javax.swing.JLabel();
jPanel2 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("Reservation ID");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Name");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("member ID");

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Facility");

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Date");

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Time");

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

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

```
    jButton1.setText("SAVE");  
    jButton1.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton1ActionPerformed(evt);  
        }  
    });
```

```
    jButton2.setForeground(new java.awt.Color(204, 0, 0));  
    jButton2.setText("CLICK HERE TO CANCEL RESERVATION");  
    jButton2.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton2ActionPerformed(evt);  
        }  
    });
```

```
    jButton3.setText("CLEAR");  
    jButton3.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton3ActionPerformed(evt);  
        }  
    });
```

```
    jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
    jLabel8.setForeground(new java.awt.Color(255, 0, 51));  
    jLabel8.setText("jLabel8");
```

```

jPanel2.setBackground(new java.awt.Color(102, 0, 102));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 0));
jLabel1.setText("USER RESERVATION");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addGap(165, Short.MAX_VALUE)
            .addComponent(jLabel1)
            .addGap(130, 130, 130))
    );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addGap(Short.MAX_VALUE))
    );

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()

```



```

        .addContainerGap(155, Short.MAX_VALUE)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                jPanel1Layout.createSequentialGroup()

                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addGap(121, 121, 121))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                jPanel1Layout.createSequentialGroup()

                    .addComponent(jButton1)

                    .addGap(69, 69, 69)

                    .addComponent(jButton3)

                    .addGap(384, 384, 384))

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                jPanel1Layout.createSequentialGroup()

                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                        .addComponent(jLabel2)

                        .addComponent(jLabel4)

                        .addComponent(jLabel5)

                        .addComponent(jLabel6)

                        .addComponent(jLabel7)

                        .addComponent(jLabel3))

                        .addGap(115, 115, 115)

                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                        .addComponent(txtname, javax.swing.GroupLayout.PREFERRED_SIZE,
                            154, javax.swing.GroupLayout.PREFERRED_SIZE)

                        .addComponent(txtmid, javax.swing.GroupLayout.PREFERRED_SIZE,
                            154, javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(jLabel8)

        .addComponent(txtfac, javax.swing.GroupLayout.PREFERRED_SIZE,
154, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(txtdate, javax.swing.GroupLayout.PREFERRED_SIZE,
154, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(txttime, javax.swing.GroupLayout.PREFERRED_SIZE,
154, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(269, 269, 269))))

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(352, 352, 352)

        .addComponent(jButton2)

        .addGap(0, 0, Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(

        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

            .addContainerGap()

            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(59, 59, 59)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jLabel2)

            .addComponent(jLabel8))

            .addGap(21, 21, 21)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jLabel3)

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

```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

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

```
.addComponent(jLabel4))
```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jLabel5)
```

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

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel6)
```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGap(14, 14, 14)
```

```
.addComponent(jLabel7))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

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

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

```

        .addGap(32, 32, 32)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(jButton3)
        .addComponent(jButton1))
        .addGap(18, 18, 18)
        .addComponent(jButton2)
        .addContainerGap(104, Short.MAX_VALUE))
);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
        );

pack();
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String rno = jLabel8.getText();
    String name = txtname.getText();
    String mid = txtmid.getText();
    String fac = txtfac.getSelectedItem().toString();
    String date = txtdate.getText();
    String time = txttime.getText();
    try{
        pst = con.prepareStatement("insert into reservation(reid,name,mid,facility,date,time)
values(?,?,?,?,?,?)");
        pst.setString(1,rno);
        pst.setString(2,name);
        pst.setString(3,mid);
        pst.setString(4,fac);
        pst.setString(5,date);
        pst.setString(6,time);
        pst.executeUpdate();
        JOptionPane.showMessageDialog(this,"RESERVATION ADDDED!!");

        txtname.setText("");
        txtmid.setText("");
        txtfac.setSelectedItem(-1);
        txtdate.setText("");
        txttime.setText("");
        autoID();

    }catch(SQLException ex){
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE,null,ex);
    }
}

```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    cancel c = new cancel();
    c.setVisible(true);
}
```

```
private void txtnameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    txtname.setText("");
    txtmid.setText("");
    txtfac.setSelectedItem(-1);
    txtdate.setText("");
    txttime.setText("");
    autoID();
    //Load_reservation();

}
```

```
/**
```

```
 * @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) ">
```



```
        public void run() {  
            new ureservation().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton2;  
private javax.swing.JButton jButton3;  
private javax.swing.JLabel jLabel1;  
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.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JTextField txtdate;  
private javax.swing.JComboBox<String> txtfac;  
private javax.swing.JTextField txtmid;  
private javax.swing.JTextField txtname;  
private javax.swing.JTextField txttime;  
// End of variables declaration  
}
```


USER CANCEL PAGE:

/*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package uregister;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/**

*

* @author Harsh

*/

public class cancel extends javax.swing.JFrame {

/**

* Creates new form cancel

*/

public cancel() {

 initComponents();

 Connect();

}

```
Connection con;
```

```
PreparedStatement pst;
```

```
public void Connect(){
```

```
    try {
```

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

```
        con = DriverManager.getConnection("jdbc:mysql://localhost/club","root","");
```

```
    } catch (ClassNotFoundException ex) {
```

```
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
```

```
    } catch (SQLException ex) {
```

```
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE, null, ex);
```

```
    }
```

```
}
```

```
/**
```

```
 * 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")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    txtrid = new javax.swing.JTextField();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jLabel1.setBackground(new java.awt.Color(204, 0, 204));
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
jLabel1.setText("CANCEL PAGE");
```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel2.setText("Enter Your Reservation ID");
```

```
jButton1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jButton1.setText("CANCEL");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
```

```
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(273, Short.MAX_VALUE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 273,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(234, 234, 234))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(234, 234, 234)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(234, 234, 234))
            )
        )
    );
```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(txtrid, javax.swing.GroupLayout.PREFERRED_SIZE, 247,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel2))

    .addGap(251, 251, 251))

    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

    .addComponent(jButton1)

    .addGap(329, 329, 329))))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

    .addContainerGap()

    .addComponent(jLabel1)

    .addGap(18, 18, 18)

    .addComponent(jLabel2)

    .addGap(18, 18, 18)

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

    .addGap(18, 18, 18)

    .addComponent(jButton1)

    .addContainerGap(296, Short.MAX_VALUE))

);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

```

```

        .addGroup(layout.createSequentialGroup())
        .addContainerGap()
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
        );

    pack();
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    //TODO add your handling code here:

    String rno = txtrid.getText();

    try{
        pst = con.prepareStatement("delete from reservation where reid=?");
        pst.setString(1,rno);

        pst.executeUpdate();

        JOptionPane.showMessageDialog(this,"RESERVATION CANCELED !!");

        txtrid.setText("");
    }
}

```

```

    } catch(SQLException ex){
        Logger.getLogger(ureservation.class.getName()).log(Level.SEVERE,null,ex);
    }
}

/**
 * @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(cancel.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

```

```
java.util.logging.Logger.getLogger(cancel.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(cancel.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    }
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(new Runnable() {
```

```
    public void run() {
```

```
        new cancel().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JTextField txtrid;
```

```
// End of variables declaration
```

```
}
```