

PROJECT DEMO FILES

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KEERTHANA.S - 3122 22 5001 061

PAPERS

- *paperid*
- *title*
- *abstract*
- *status*
- *AuthorId*

```
/*
 * 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 first;

import java.sql.*;
import java.util.logging.Logger;
import java.util.logging.Level;
import javax.swing.JOptionPane;
public class frame3 extends javax.swing.JFrame {

    Connection con;
    PreparedStatement ps;
    Statement st;
    ResultSet rs;
    public frame3() {
        initComponents();
        try {
            Class.forName("oracle.jdbc.OracleDriver");
            JOptionPane.showMessageDialog(null, "Driver loaded");

            try {
                con =
DriverManager.getConnection("jdbc:oracle:thin:@keerthana:
1521:orcl", "scott", "tiger");
```

```

        JOptionPane.showMessageDialog(null, "Connection
success");
    } catch (SQLException ex) {

        Logger.getLogger(frame3.class.getName()).log(Level.SEVERE
, null, ex);
    }
} catch (ClassNotFoundException ex) {

    Logger.getLogger(frame3.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();
    edt5 = new javax.swing.JTextField();
    insert1 = new javax.swing.JButton();
    update1 = new javax.swing.JButton();
    search1 = new javax.swing.JButton();
    delete1 = new javax.swing.JButton();
    paperid1 = new javax.swing.JLabel();
    title1 = new javax.swing.JLabel();
    abstract2 = new javax.swing.JLabel();
    status1 = new javax.swing.JLabel();
    authorid1 = new javax.swing.JLabel();
    edt1 = new javax.swing.JTextField();
    edt2 = new javax.swing.JTextField();
    edt3 = new javax.swing.JTextField();
    edt4 = new javax.swing.JTextField();

```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT
_ON_CLOSE);
    setBackground(new java.awt.Color(255, 102, 102));
    setForeground(new java.awt.Color(255, 102, 102));

    jPanel1.setBackground(new java.awt.Color(255,
102, 102));

    insert1.setBackground(new java.awt.Color(0, 153,
153));
    insert1.setText("insert");
    insert1.addActionListener(new
java.awt.event.ActionListener() {
        public void
actionPerformed(java.awt.event.ActionEvent evt) {
            insert1ActionPerformed(evt);
        }
    });

    update1.setBackground(new java.awt.Color(0, 153,
153));
    update1.setText("update");
    update1.addActionListener(new
java.awt.event.ActionListener() {
        public void
actionPerformed(java.awt.event.ActionEvent evt) {
            update1ActionPerformed(evt);
        }
    });

    search1.setBackground(new java.awt.Color(0, 153,
153));
    search1.setText("search");
    search1.addActionListener(new
java.awt.event.ActionListener() {
        public void
actionPerformed(java.awt.event.ActionEvent evt) {
            search1ActionPerformed(evt);
        }
    });

```

```

    });

    delete1.setBackground(new java.awt.Color(0, 153,
153));
    delete1.setText("delete");
    delete1.addActionListener(new
java.awt.event.ActionListener() {
        public void
actionPerformed(java.awt.event.ActionEvent evt) {
            delete1ActionPerformed(evt);
        }
    });

    paperid1.setBackground(new java.awt.Color(153,
153, 255));
    paperid1.setText("paper_id");

    title1.setBackground(new java.awt.Color(153, 153,
255));
    title1.setText("title");

    abstract2.setBackground(new java.awt.Color(153,
153, 255));
    abstract2.setText("abstract");

    status1.setBackground(new java.awt.Color(153,
153, 255));
    status1.setText("status");

    authorid1.setBackground(new java.awt.Color(153,
153, 255));
    authorid1.setText("authorid");

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

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addGap(0, 629, Short.MAX_VALUE)

```

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

```
.addGroup(jPanel1Layout.createSequentialGroup())
    .addGap(59, 59, 59)
```

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

```
    .addComponent(paperid1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(title1,
javax.swing.GroupLayout.PREFERRED_SIZE, 89,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(status1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(abstract2,
javax.swing.GroupLayout.DEFAULT_SIZE, 115,
Short.MAX_VALUE)
```

```
    .addComponent(authorid1,
javax.swing.GroupLayout.PREFERRED_SIZE, 68,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(insert1,
javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

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

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlaceme
nt.RELATED)
```

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

```
    .addComponent(edt1)
    .addComponent(edt2)
    .addComponent(edt3)
```

```

                                .addComponent(edt4)
                                .addComponent(edt5,
javax.swing.GroupLayout.DEFAULT_SIZE, 264,
Short.MAX_VALUE))

.addGroup(jPanell1Layout.createSequentialGroup()
                                .addGap(27, 27, 27)
                                .addComponent(update1,
javax.swing.GroupLayout.PREFERRED_SIZE, 99,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addGap(52, 52, 52)
                                .addComponent(search1,
javax.swing.GroupLayout.DEFAULT_SIZE, 91,
Short.MAX_VALUE))

                                .addGap(60, 60, 60)
                                .addComponent(delete1)
                                .addContainerGap(59,
Short.MAX_VALUE))
);
jPanell1Layout.setVerticalGroup(

jPanell1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
                                .addGap(0, 459, Short.MAX_VALUE)

.addGroup(jPanell1Layout.createParallelGroup(javax.swing.G
roupLayout.Alignment.LEADING)

.addGroup(jPanell1Layout.createSequentialGroup())
                                .addGap(59, 59, 59)

.addGroup(jPanell1Layout.createParallelGroup(javax.swing.G
roupLayout.Alignment.BASELINE)
                                .addComponent(paperid1,
javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addComponent(edt1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGap(27, 27, 27)

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.
roupLayout.Alignment.BASELINE)
            .addComponent(title1,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(edt2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.
roupLayout.Alignment.BASELINE)
            .addComponent(abstract2,
javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(edt3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(26, 26, 26)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.
roupLayout.Alignment.BASELINE)
            .addComponent(status1)
            .addComponent(edt4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(41, 41, 41)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.
roupLayout.Alignment.BASELINE)
            .addComponent(authorid1)
            .addComponent(edt5,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
```

```

.addGroup(jPanell1Layout.createParallelGroup(javax.swing.G
roupLayout.Alignment.BASELINE)
            .addComponent(insert1)
            .addComponent(update1)
            .addComponent(search1)
            .addComponent(delete1))
.addContainerGap(60,
Short.MAX_VALUE)))
    );

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignm
ent.LEADING)
        .addComponent(jPanell1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignm
ent.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addComponent(jPanell1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

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

```



```

        private void
insert1ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        String sql = "insert into PAPERS(paperid,
title, abstract1, status, authorid) values(?, ?, ?, ?,
?) ";

        ps = con.prepareStatement(sql);
        ps.setString(1, edt1.getText());
        ps.setString(2, edt2.getText());
        ps.setString(3, edt3.getText());
        ps.setString(4, edt4.getText());
        ps.setString(5, edt5.getText());
        ps.execute();
        JOptionPane.showMessageDialog(this,
"Successfully Inserted");
    } catch (SQLException ex) {

Logger.getLogger(frame3.class.getName()).log(Level.SEVERE
, null, ex);
        JOptionPane.showMessageDialog(this,
ex.getMessage());
        } // TODO add your handling code here:
    }

    private void
update1ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        String sql = "UPDATE papers SET paperid = ?,
title = ?, abstract1 = ?, status = ? WHERE authorid = ?";
        ps = con.prepareStatement(sql);
        ps.setString(1, edt1.getText());
        ps.setString(2, edt2.getText());
        ps.setString(3, edt3.getText());
        ps.setString(4, edt4.getText());
        ps.setString(5, edt5.getText());

        int rowsAffected = ps.executeUpdate();
        if (rowsAffected > 0) {
            JOptionPane.showMessageDialog(this,
"Successfully Updated");
        } else {

```

```

        JOptionPane.showMessageDialog(this,
"Record Not Found");
    }
    } catch (SQLException ex) {

Logger.getLogger(frame3.class.getName()).log(Level.SEVERE
, null, ex);
        JOptionPane.showMessageDialog(this,
ex.getMessage());
        } // TODO add your handling code here:
    }

```

```

    private void
searchActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        String sql = "SELECT * FROM papers WHERE
paperid = ?";
        ps = con.prepareStatement(sql);
        ps.setString(1, edt1.getText());
        rs = ps.executeQuery();

        if (rs.next()) {
            edt2.setText(rs.getString("title"));
            edt3.setText(rs.getString("abstract1"));
            edt4.setText(rs.getString("status"));
            edt5.setText(rs.getString("authorid"));
        } else {
            JOptionPane.showMessageDialog(this,
"Record Not Found");
        }
    } catch (SQLException ex) {

Logger.getLogger(frame3.class.getName()).log(Level.SEVERE
, null, ex);
        JOptionPane.showMessageDialog(this,
ex.getMessage());
        } // TODO add your handling code here:
    }

```

```

    private void
deleteActionPerformed(java.awt.event.ActionEvent evt) {

```

```

        try {
            String sql = "DELETE FROM papers WHERE
paperid = ?";
            ps = con.prepareStatement(sql);
            ps.setString(1, edt1.getText());

            int rowsAffected = ps.executeUpdate();
            if (rowsAffected > 0) {
                JOptionPane.showMessageDialog(this,
"Successfully Deleted");
                edt1.setText("");
                edt2.setText("");
                edt3.setText("");
                edt4.setText("");
                edt5.setText("");
            } else {
                JOptionPane.showMessageDialog(this,
"Record Not Found");
            }
        } catch (SQLException ex) {

Logger.getLogger(frame3.class.getName()).log(Level.SEVERE
, null, ex);

            JOptionPane.showMessageDialog(this,
ex.getMessage());
            // TODO add your handling code here:
        }

/**
 * @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/lookand
feel/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(frame3.class.getName()
).log(java.util.logging.Level.SEVERE, null, ex);
            } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(frame3.class.getName()
).log(java.util.logging.Level.SEVERE, null, ex);
            } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(frame3.class.getName()
).log(java.util.logging.Level.SEVERE, null, ex);
            } catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(frame3.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 frame3().setVisible(true);
        }
    });
}

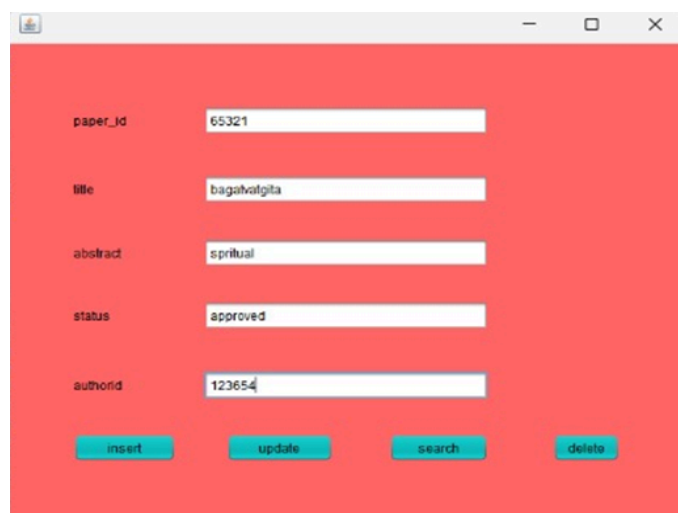
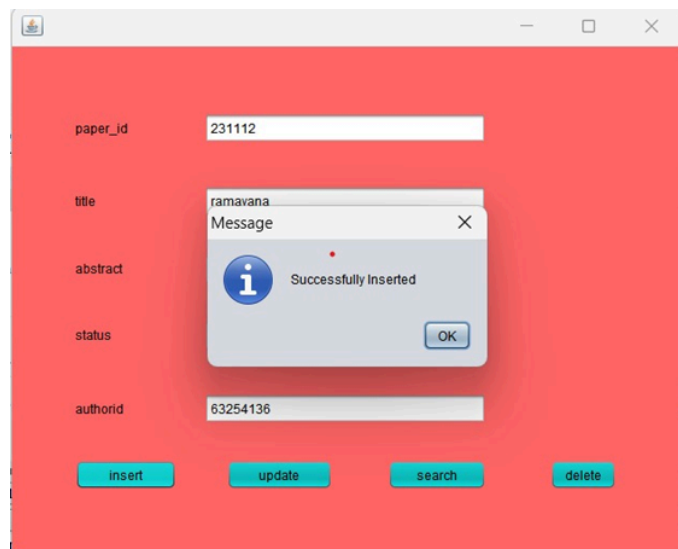
// Variables declaration - do not modify
private javax.swing.JLabel abstract2;

```

```

private javax.swing.JLabel authorid1;
private javax.swing.JButton deletel;
private javax.swing.JTextField edt1;
private javax.swing.JTextField edt2;
private javax.swing.JTextField edt3;
private javax.swing.JTextField edt4;
private javax.swing.JTextField edt5;
private javax.swing.JButton insert1;
private javax.swing.JPanel jPanel1;
private javax.swing.JLabel paperid1;
private javax.swing.JButton search1;
private javax.swing.JLabel status1;
private javax.swing.JLabel title1;
private javax.swing.JButton update1;
// End of variables declaration
}

```



paper_id

78956

title

abstract

status

authorid

insert

update

search

delete

paper_id

78956

title

jackpot

abstract

fiction

status

approved

authorid

56987

insert

update

search

delete

—

□

×

paper_id

78956

title

abstract

status

authorid

insert

update

search

delete

Message

×

i

Successfully Deleted

OK

—

□

×

paper_id

56321

title

travel is fun

abstract

status

authorid

456987

insert

update

search

delete

Message

×

i

Successfully Updated

OK

JOURNAL:

- Journalid
- Name
- ISSN
- Publisher
- website

```
/*  
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to  
change this license  
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit  
this template  
 */
```

```
package pro;
```

```
/**
```

```
 *
```

```
 * @author keerthanags
```

```
 */
```

```
import java.sql.*;
```

```
import javax.swing.*;
```

```
import java.util.logging.*;
```

```
import javax.swing.JOptionPane;
```

```
public class journal extends javax.swing.JFrame {
```

```
    /**
```

```
     * Creates new form journal
```

```
     */
```

```
    Connection app;
```

```
    PreparedStatement ps;
```

```
    Statement s;
```

```
    ResultSet rs;
```

```
    public journal() {
```

```
        initComponents();
```

```
        try
```

```
        {
```

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



```

        JOptionPane.showMessageDialog(this, "Driver loaded");
    try
    {

app=DriverManager.getConnection("jdbc:oracle:thin:@keerthana:1521:ORCL","sco
tt","tiger");
        JOptionPane.showMessageDialog(this, "Connected to DataBase");
    }
    catch(SQLException ex)
    {
        Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
        JOptionPane.showMessageDialog(this, ex.getMessage());
    }
}
catch(ClassNotFoundException ex)
{
    Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
    JOptionPane.showMessageDialog(this, ex.getMessage());
}

}

/**
 * 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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    id_tf = new javax.swing.JTextField();
    name_tf = new javax.swing.JTextField();
    issn_tf = new javax.swing.JTextField();
    publisher_tf = new javax.swing.JTextField();

```

```
web_tf = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setText("JOURNALID");

jLabel2.setText("NAME");

jLabel3.setText("ISSN");

jLabel4.setText("PUBLISHER");

jLabel5.setText("WEBSITE");

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

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

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

jButton4.setText("DELETE");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});
```

```
javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(layout.createSequentialGroup()  
            .addGap(13, 13, 13)
```

```
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

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

```
            .addComponent(jLabel1)  
            .addComponent(jLabel5)  
            .addComponent(jLabel4)  
            .addComponent(jLabel3)  
            .addComponent(jLabel2))  
        .addGroup(layout.createSequentialGroup()  
            .addComponent(jButton1)  
            .addGap(17, 17, 17)))
```

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

```
            .addGroup(layout.createSequentialGroup()
```

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

```
            .addComponent(id_tf,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 71,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(name_tf,  
                javax.swing.GroupLayout.PREFERRED_SIZE, 71,  
                javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addComponent(issn_tf,
javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(publisher_tf,
javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(web_tf,
javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(95, 95, 95))
    .addGroup(layout.createSequentialGroup()
        .addGap(19, 19, 19)
        .addComponent(jButton2)
        .addGap(43, 43, 43)
        .addComponent(jButton3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 36,
Short.MAX_VALUE)
        .addComponent(jButton4)
        .addGap(15, 15, 15))))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(67, 67, 67)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASLI
NE)
        .addComponent(jLabel1)
        .addComponent(id_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(29, 29, 29)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASLI
NE)
        .addComponent(jLabel2)
        .addComponent(name_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addGap(22, 22, 22)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(issn_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(28, 28, 28)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(web_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 20,
            Short.MAX_VALUE)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(publisher_tf,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel5))
            .addGap(35, 35, 35)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton1)
            .addComponent(jButton2)
            .addComponent(jButton3)
            .addComponent(jButton4))
            .addGap(23, 23, 23))
    );

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        String sql="insert into journal(journalid,name,ISSN,publisher,website)
values(?,?,?,?);";
        ps=app.prepareStatement(sql);
        ps.setString(1,id_tf.getText());
        ps.setString(2,name_tf.getText());
        ps.setString(3,issn_tf.getText());
        ps.setString(4,publisher_tf.getText());
        ps.setString(5,web_tf.getText());
        ps.execute();
        JOptionPane.showMessageDialog(this,"Inserted suceesfully");
    }
    catch(SQLException ex)
    {
        Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
        JOptionPane.showMessageDialog(this, ex.getMessage());
    }
}

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        String sql="select * from journal where journalid=?";
        ps=app.prepareStatement(sql);
        ps.setString(1,id_tf.getText());
        rs=ps.executeQuery();
        if(rs.next())
        {
            id_tf.setText(rs.getString("journalid"));
            name_tf.setText(rs.getString("name"));
            issn_tf.setText(rs.getString("ISSN"));
            publisher_tf.setText(rs.getString("publisher"));
            web_tf.setText(rs.getString("website"));
        }
    }
}

```

```

    }
    catch(SQLException ex)
    {
        Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
        JOptionPane.showMessageDialog(this, ex.getMessage());
    }
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        String sql="update journal set name=? where journalid=?";
        ps=app.prepareStatement(sql);
        ps.setString(1, name_tf.getText());
        ps.setString(2, id_tf.getText());
        int rows=ps.executeUpdate();
        if(rows>0)
        {
            JOptionPane.showMessageDialog(this,"Updated suceesfully");
        }
        else
        {
            JOptionPane.showMessageDialog(this, "No record found with the provided
ID.");
        }
    }
    catch(SQLException ex)
    {
        Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
        JOptionPane.showMessageDialog(this, ex.getMessage());
    }
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try

```

```

    {
        String sql="delete from journal where journalid=?";
        ps=app.prepareStatement(sql);
        ps.setString(1,id_tf.getText());
        int rows=ps.executeUpdate();
        if(rows>0)
        {
            JOptionPane.showMessageDialog(this,"Deleted suceesfully");
        }
        else
        {
            JOptionPane.showMessageDialog(this, "No record found with the provided
ID.");
        }
    }
    catch(SQLException ex)
    {
        Logger.getLogger(journal.class.getName()).log(Level.SEVERE, null, ex);
        JOptionPane.showMessageDialog(this, ex.getMessage());
    }
}

/**
 * @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(journal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(journal.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 journal().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JTextField id_tf;
private javax.swing.JTextField issn_tf;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
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.JTextField name_tf;  
private javax.swing.JTextField publisher_tf;  
private javax.swing.JTextField web_tf;  
// End of variables declaration  
}
```

OUTPUT :

— □ ×

JOURNALID

103

NAME

cheeni

ISSN

j103

PUBLISHER

aram

WEBSITE

abc

INSERT

SEARCH

UPDATE

DELETE

— □ ×

JOURNALID

103

NAME

ISSN

PUBLISHER

WEBSITE

abc

INSERT


SEARCH

UPDATE

DELETE

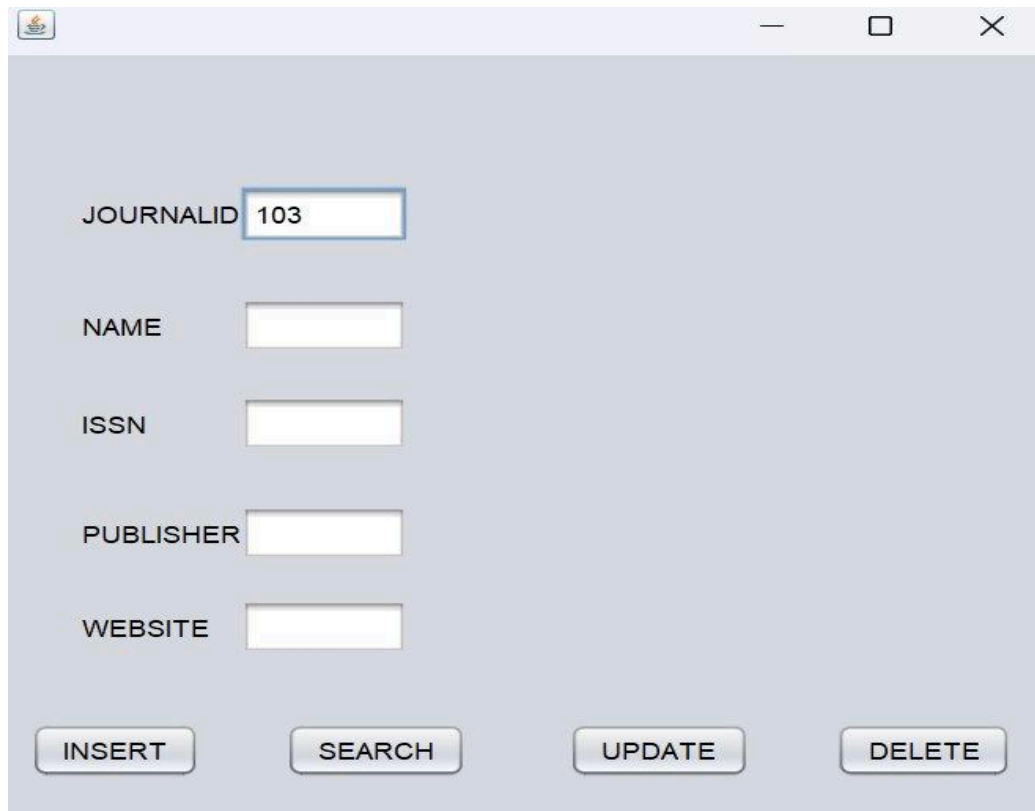
Message

×

 Inserted suceesfully

OK

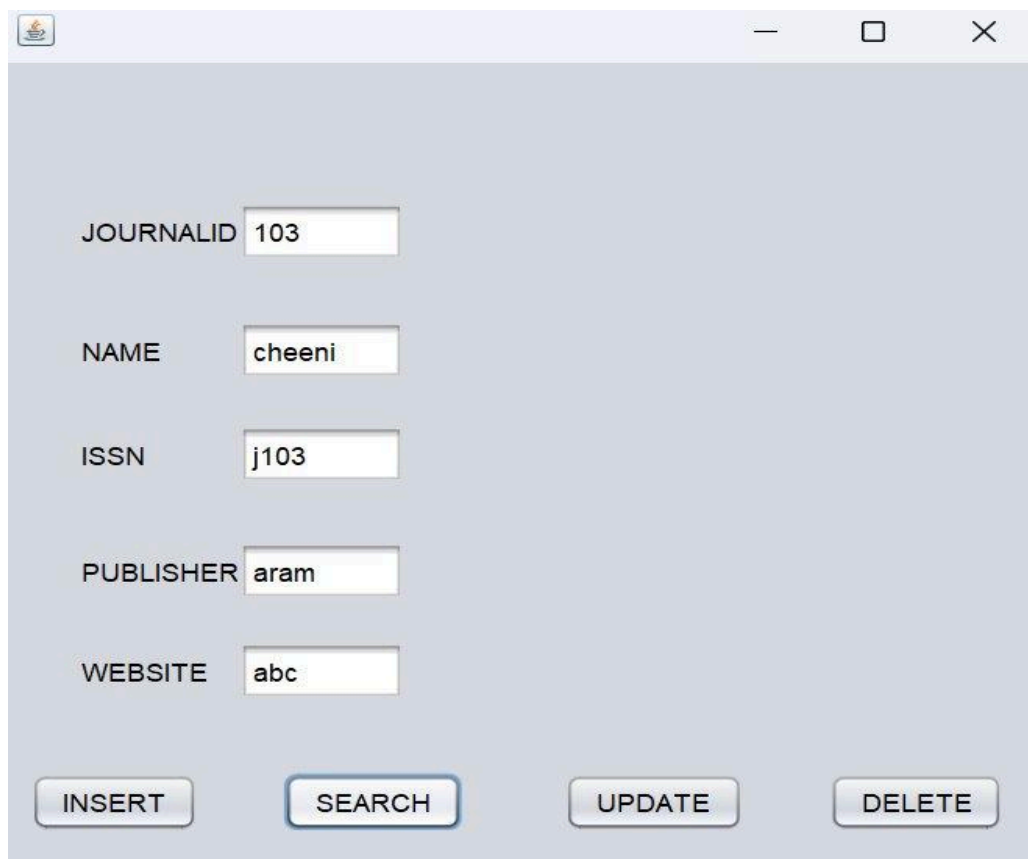
SEARCH:



A screenshot of a web application window titled "SEARCH:". The window has a light blue background and a standard window title bar with a minimize button, a maximize button, and a close button. The form contains five input fields, each with a label to its left: "JOURNALID" with the value "103", "NAME" (empty), "ISSN" (empty), "PUBLISHER" (empty), and "WEBSITE" (empty). At the bottom of the form, there are four buttons: "INSERT", "SEARCH", "UPDATE", and "DELETE". The "SEARCH" button is highlighted with a blue border.

JOURNALID	103
NAME	
ISSN	
PUBLISHER	
WEBSITE	

INSERT SEARCH UPDATE DELETE

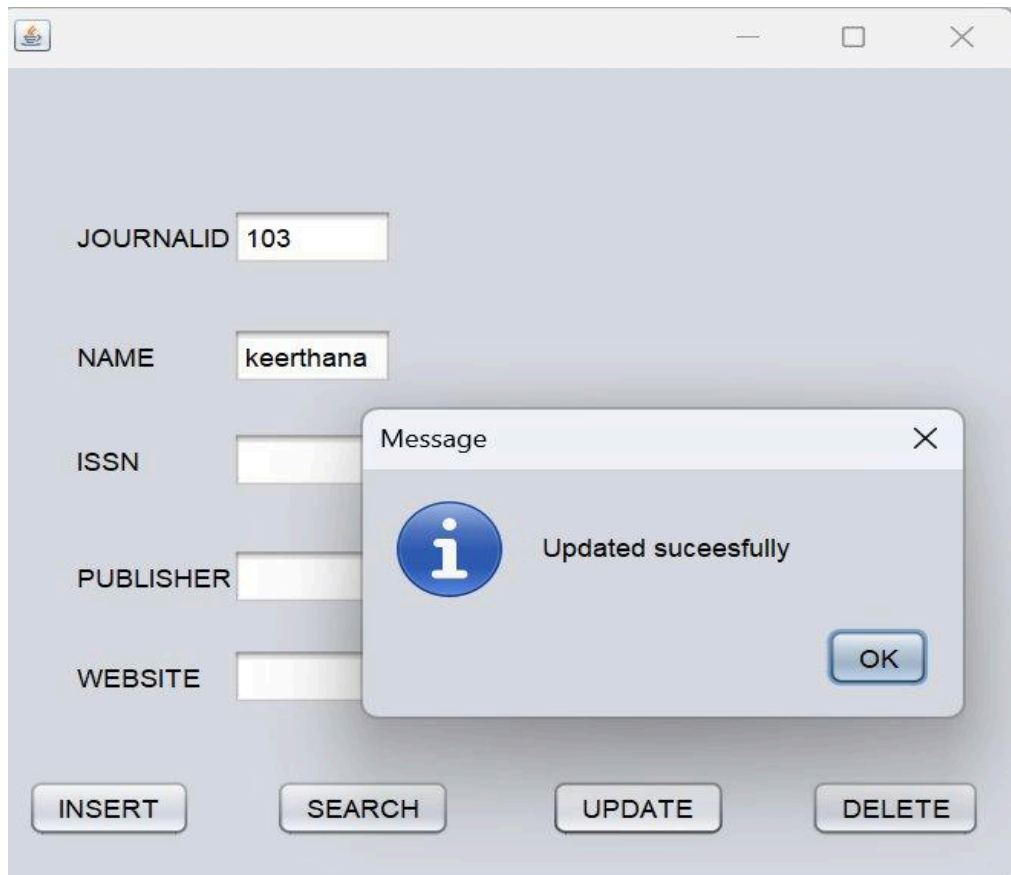


A screenshot of the same web application window, but now the input fields are filled with data. The "JOURNALID" field still contains "103". The "NAME" field contains "cheeni", the "ISSN" field contains "j103", the "PUBLISHER" field contains "aram", and the "WEBSITE" field contains "abc". The "SEARCH" button remains highlighted with a blue border.

JOURNALID	103
NAME	cheeni
ISSN	j103
PUBLISHER	aram
WEBSITE	abc

INSERT SEARCH UPDATE DELETE

UPDATE:



A screenshot of a web application interface for managing journal records. The interface includes a form with the following fields: JOURNALID (103), NAME (keerthana), ISSN, PUBLISHER, and WEBSITE. Below the form are four buttons: INSERT, SEARCH, UPDATE, and DELETE. A modal message box is displayed over the form, titled "Message", containing an information icon, the text "Updated suceesfully", and an OK button.

JOURNALID 103

NAME keerthana

ISSN

PUBLISHER

WEBSITE

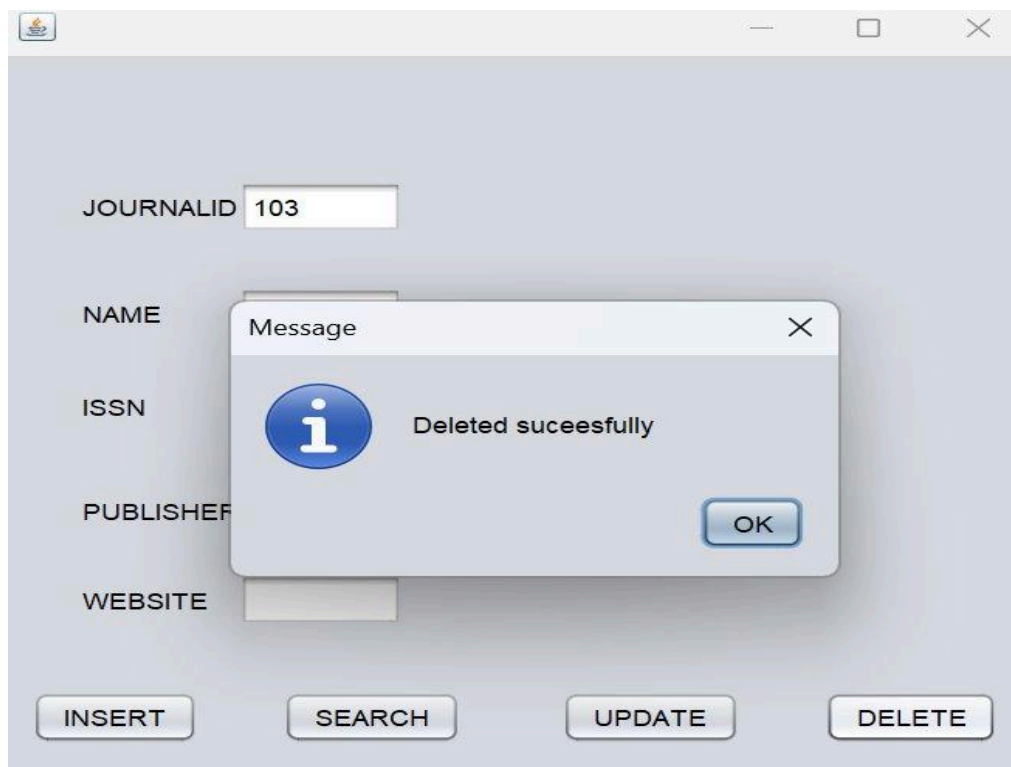
INSERT SEARCH UPDATE DELETE

Message

Updated suceesfully

OK

DELETE:



A screenshot of the same web application interface as above, but with the modal message box displaying "Deleted suceesfully" instead of "Updated suceesfully". The form fields and buttons remain the same.

JOURNALID 103

NAME

ISSN

PUBLISHER

WEBSITE

INSERT SEARCH UPDATE DELETE

Message

Deleted suceesfully

OK