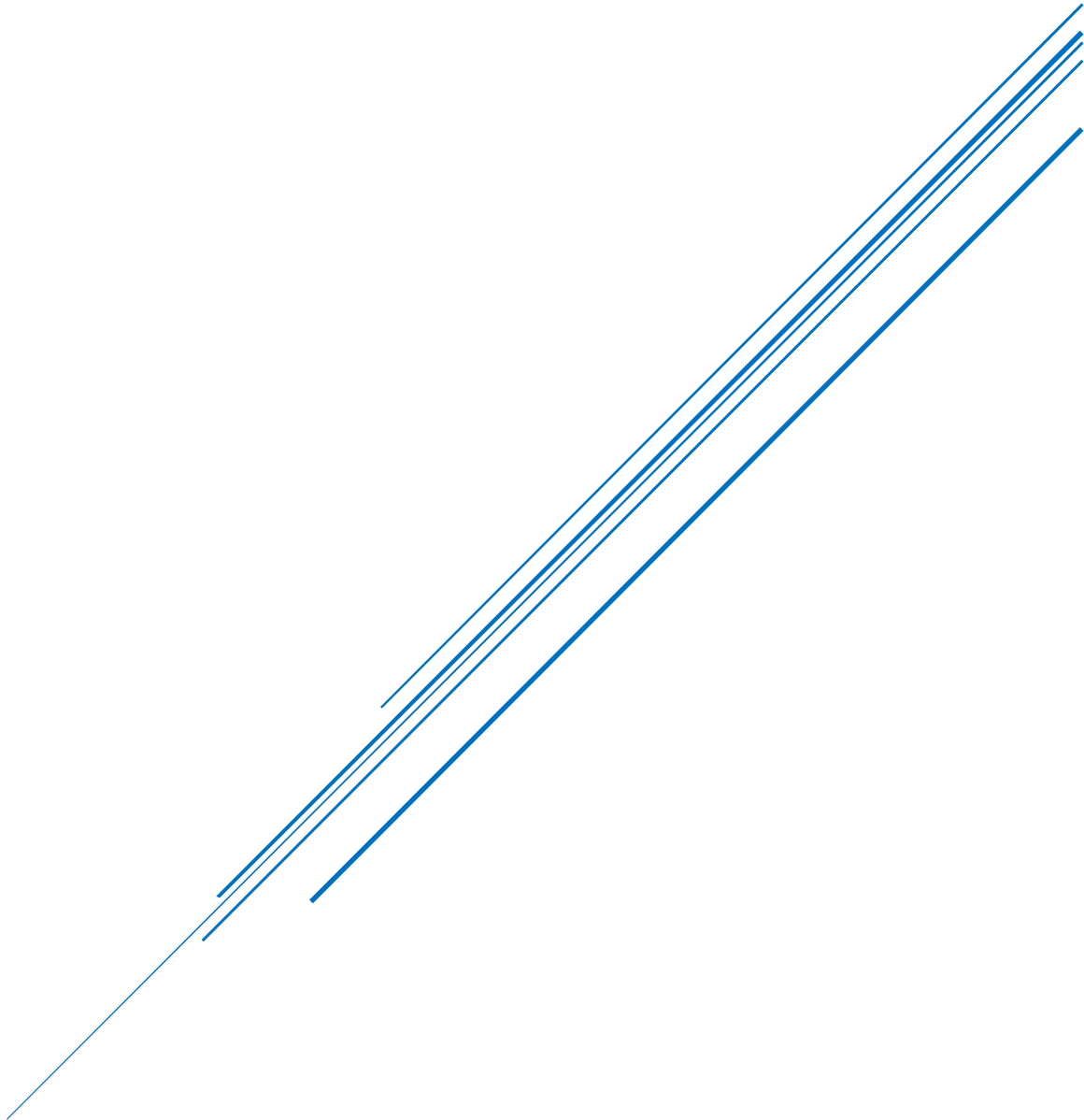


ASSIGNMENT-02

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UNITED INTERNATIONAL UNIVERSITY

CSE 1116/CSI 212 (B): Object Oriented Programming Laboratory

Assignment-02

The screenshot shows a window titled "ADDRESSBOOK" with a standard Windows-style title bar (minimize, maximize, close buttons). The window has a light gray background. It contains four input fields, each with a label to its left: "Name :", "Cell Nember:" (note the typo), "E-mail :", and "Address :". The input fields contain the text "ABUL KASHEM", "0121981187", "ak@gmail.com", and "Adarsho para, Jessore" respectively. Below the input fields are two buttons: "clear" and "save". At the bottom of the window, there are three buttons: "Search", "USER INFO", and "Edit". A large text area at the bottom of the form displays the entered information: "ABUL KASHEM 0121981187 ak@gmail.com Adarsho para, Jessore".

Name :	ABUL KASHEM
Cell Nember:	0121981187
E-mail :	ak@gmail.com
Address :	Adarsho para, Jessore

clear save

ABUL KASHEM 0121981187 ak@gmail.com Adarsho para, Jessore

Search USER INFO Edit

Figure: Input Taking



A screenshot of a text editor window with four tabs: 'saved.txt', 'UserInfo.java', 'EditInfo.java', and 'serc.java'. The 'saved.txt' tab is active, showing a list of user information on six lines. Line 1: 'ABUL KASHEM', Line 2: '0121981187', Line 3: 'ak@gmail.com', Line 4: 'Adarsho para, Jessore', Line 5: a vertical cursor, and Line 6: empty. The text is formatted with green underlines for the first and last names and red underlines for the email and address.

```
1 ABUL KASHEM
2 0121981187
3 ak@gmail.com
4 Adarsho para, Jessore
5 |
6
```

Figure: Information save in a file

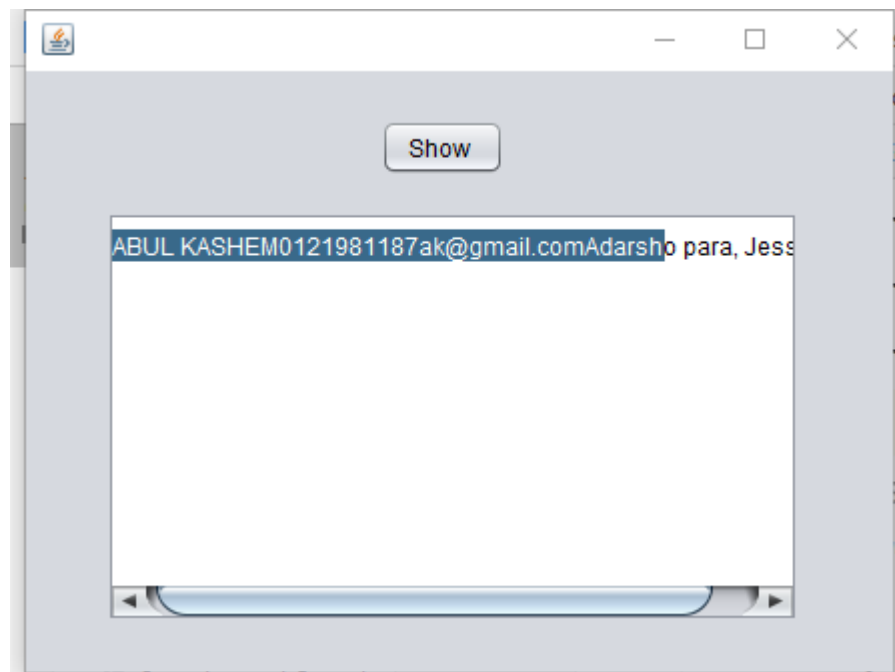


Figure: All user information.

Edit information.

Name : AabulKashem

Cell Nember: 012311211

E-mail : ak@gmail.com

Address : shikarpur,/dhaka

Ok

Figure:Edit All.

Name :

Abul kashem

Cell Nember:

01212111

Show Result

Figure: Search Result

Explanation:

- **User Input & Append:** I use `variable.gettext()` method for user input and under action perform block and I handled "previous data don't be lost" part using turned "true" in File-Writer method.
- **All User Information:** To handle this part I used Buffer Writer in a try catch block & run a while loop for read all the string from the file. Then I show it in a JTextArea Box.
- **Edit(couldn't finish it) :** Simply delete all data and update all.
- **Search: (couldn't finish it):** If match user data with Search box data, then show the result.

Code:

```
package addressBook;

/*
 * 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.
 */

import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;

/**
 *
 * @author User
 */
public class AddressBook extends javax.swing.JFrame {

    /**
     * Creates new form AddressBook
     */
    public AddressBook() {
        initComponents();
    }

    /**
     * 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() {

        jLabel5 = new javax.swing.JLabel();
        name_txtField = new javax.swing.JTextField();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        phn_txtField = new javax.swing.JTextField();
        email_txtfld = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        adrs_txtField = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        search = new javax.swing.JButton();
        user_info = new javax.swing.JButton();
        edit = new javax.swing.JButton();
        save = new javax.swing.JButton();
        display = new javax.swing.JTextField();
        clear = new javax.swing.JButton();

        jLabel5.setText("jLabel5");
    }
}
```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("ADDRESSBOOK");
setLocation(new java.awt.Point(500, 250));
setResizable(false);

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

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setText("Name : ");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText(" Cell Nember: ");

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

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

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setText("E-mail : ");

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

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel4.setText("Address : ");

search.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
search.setText("Search");
search.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        searchActionPerformed(evt);
    }
});

user_info.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
user_info.setText("USER INFO");
user_info.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        user_infoActionPerformed(evt);
    }
});

edit.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
edit.setText("Edit");
edit.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        editActionPerformed(evt);
    }
});

save.setText("save");

```



```

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(save)
        .addComponent(edit))))
    .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(21, 21, 21)
            .addComponent(jLabel1))
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel2)))
        .addGap(0, 0, Short.MAX_VALUE)))
    .addGap(21, 21, 21))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE)
        .addComponent(display, javax.swing.GroupLayout.PREFERRED_SIZE, 389,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(79, 79, 79))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(28, 28, 28)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(name_txtField, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel1))
            .addGap(28, 28, 28)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(phn_txtField, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(28, 28, 28)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(email_txtfld, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel3))
            .addGap(28, 28, 28)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(adrs_txtField, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel4))
            .addGap(34, 34, 34)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(save)
                .addComponent(clear))
            .addGap(18, 18, 18)
            .addComponent(display, javax.swing.GroupLayout.PREFERRED_SIZE, 99,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 53,
Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(search)
            .addComponent(user_info)
            .addComponent(edit))
        .addContainerGap())
    );

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

private void searchActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
    new serc().setVisible(true);
}

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

    this.dispose();
    new UserInfo().setVisible(true);
}

private void editActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
    new EditInfo().setVisible(true);
}

private void saveActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // System.out.println("saved");

    String s1 = name_txtField.getText();
    String s2 = phn_txtField.getText();
    String s3 = email_txtfld.getText();
    String s4 = adrs_txtField.getText();

    //display.setText("Name : "+s1+"Phone Number : "+s2 +
    // "Email : "+ s3+"\n" + "Adress : "+s4);

    String info = s1+ "\n" + s2+ "\n" + s3+ "\n" + s4;
    display.setText(info);

    try{
        FileWriter file = new FileWriter("saved.txt",true);
        PrintWriter out = new PrintWriter(file); // java.io.FileNotFoundException

        out.println(info);
    }
}

```

```

        out.close();
    }
    catch (IOException e){
        e.printStackTrace();
    }
}

}

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

    // System.out.println("vbvbvvv");
    // TODO add your handling code here:

    name_txtField.setText("");
    phn_txtField.setText("");
    email_txtfld.setText("");
    adrs_txtField.setText("");
}

/**
 * @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(AddressBook.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(AddressBook.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(AddressBook.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(AddressBook.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 AddressBook().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JTextField adrs_txtField;
    private javax.swing.JButton clear;
    private javax.swing.JTextField display;
    private javax.swing.JButton edit;
    private javax.swing.JTextField email_txtfld;
    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_txtField;
    private javax.swing.JTextField phn_txtField;
    private javax.swing.JButton save;
    private javax.swing.JButton search;
    private javax.swing.JButton user_info;
    // End of variables declaration
}

package addressBook;

import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;

/*
 * 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.
 */

/**
 *
 * @author User
 */
public class UserInfo extends javax.swing.JFrame {

    /**
     * Creates new form userInfo
     */
    public UserInfo() {
        initComponents();
    }

    /**
     * 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.

```



```

        .addContainerGap(25, Short.MAX_VALUE))
    };

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

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

    try {
        FileReader fw = new FileReader("saved.txt");
        BufferedReader reader = new BufferedReader(fw);

        String line;
        while( (line = reader.readLine()) != null){
            info_box.append(line);
        }

        reader.close();
    }
    catch (IOException e){
        e.printStackTrace();
    }
}

private void info_boxAncestorAdded(javax.swing.event.AncestorEvent evt) {
    // 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/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(UserInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(UserInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(UserInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    }
}

```

```

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(UserInfo.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 UserInfo().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JTextArea info_box;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JButton show;
// End of variables declaration
}

package addressBook;
/*
 * 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.
 */

/**
 *
 * @author User
 */
public class EditInfo extends javax.swing.JFrame {

    /**
     * Creates new form EditInfo
     */
    public EditInfo() {
        initComponents();
    }

    /**
     * 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() {

        edit_name = new javax.swing.JTextField();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        edit_phn = new javax.swing.JTextField();
        edit_email = new javax.swing.JTextField();

```



```

        .addGap(11, 11, 11)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel3)
        .addComponent(jLabel4))
        .addGap(47, 47, 47)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(edit_email)
        .addComponent(edit_adrs, javax.swing.GroupLayout.PREFERRED_SIZE,
363, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(layout.createSequentialGroup())

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
                .addGap(11, 11, 11)
                .addComponent(jLabel1))
                .addComponent(jLabel2)
                .addComponent(jLabel5))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(edit_name)
        .addComponent(edit_phn, javax.swing.GroupLayout.PREFERRED_SIZE,
363, javax.swing.GroupLayout.PREFERRED_SIZE))))))
        .addGap(46, 46, 46))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
                .addGap(19, 19, 19)
                .addComponent(jLabel5)
                .addGap(63, 63, 63)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(edit_name, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel1))
                .addGap(28, 28, 28)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(edit_phn, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(28, 28, 28)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(edit_email, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel3))
                .addGap(28, 28, 28)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(edit_adrs, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel4))
                .addGap(51, 51, 51)

```

```

        .addComponent(okay)
        .addContainerGap(54, Short.MAX_VALUE))
    );

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

private void okayActionPerformed(java.awt.event.ActionEvent evt) {
    // 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/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(EditInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(EditInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(EditInfo.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(EditInfo.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 EditInfo().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JTextField edit_adrs;
private javax.swing.JTextField edit_email;
private javax.swing.JTextField edit_name;

```

```

private javax.swing.JTextField edit_phn;
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.JButton okay;
// End of variables declaration
}
package addressBook;

/*
 * 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.
 */

/**
 *
 * @author User
 */
public class serc extends javax.swing.JFrame {

    /**
     * Creates new form serc
     */
    public serc() {
        initComponents();
    }

    /**
     * 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() {

        src_name = new javax.swing.JTextField();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        src_phn = new javax.swing.JTextField();
        src_result = new javax.swing.JButton();
        result_box = new javax.swing.JTextField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

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

        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
        jLabel1.setText("Name : ");

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

```

```

jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText(" Cell Nember: ");

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

src_result.setText("Show Result");
src_result.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        src_resultActionPerformed(evt);
    }
});

result_box.setEditable(false);
result_box.setHorizontalAlignment(javax.swing.JTextField.CENTER);
result_box.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        result_boxActionPerformed(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()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGroup(layout.createSequentialGroup()
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(layout.createSequentialGroup()
                                .addGroup(layout.createSequentialGroup()
                                    .addGap(56, 56, 56)
                                )
                            )
                        )
                    )
                )
            )
        )
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(result_box, javax.swing.GroupLayout.PREFERRED_SIZE, 363,
javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(src_phn, javax.swing.GroupLayout.DEFAULT_SIZE, 363,
Short.MAX_VALUE)
            .addComponent(src_name, javax.swing.GroupLayout.DEFAULT_SIZE, 363,
Short.MAX_VALUE)))
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(179, 179, 179)
                    .addComponent(jLabel2)))
                .addGap(0, 71, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGroup(layout.createSequentialGroup()
                            .addGap(201, 201, 201)
                            .addComponent(jLabel1))
                        .addGroup(layout.createSequentialGroup()
                            .addGap(186, 186, 186)
                            .addComponent(src_result)))
                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                )
            )
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGroup(layout.createSequentialGroup()
                        .addGroup(layout.createSequentialGroup()
                            .addGap(56, 56, 56)
                        )
                    )
                )
            )
        )
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(result_box, javax.swing.GroupLayout.PREFERRED_SIZE, 363,
javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(src_phn, javax.swing.GroupLayout.DEFAULT_SIZE, 363,
Short.MAX_VALUE)
            .addComponent(src_name, javax.swing.GroupLayout.DEFAULT_SIZE, 363,
Short.MAX_VALUE)))
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(179, 179, 179)
                    .addComponent(jLabel2)))
                .addGap(0, 71, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGroup(layout.createSequentialGroup()
                            .addGap(201, 201, 201)
                            .addComponent(jLabel1))
                        .addGroup(layout.createSequentialGroup()
                            .addGap(186, 186, 186)
                            .addComponent(src_result)))
                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                )
            )
        );

```

```

        .addGap(18, 18, 18)
        .addComponent(jLabel1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(src_name, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(15, 15, 15)
        .addComponent(src_phn, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 48,
Short.MAX_VALUE)
        .addComponent(src_result)
        .addGap(31, 31, 31)
        .addComponent(result_box, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(43, 43, 43))
    };

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

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

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

    AddressBook s = new AddressBook();

    if ((s.getName().equals(src_name))) {

        System.out.println("found");
    }
}

/**
 * @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(serc.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(serc.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(serc.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(serc.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 serc().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JTextField result_box;
private javax.swing.JTextField src_name;
private javax.swing.JTextField src_phn;
private javax.swing.JButton src_result;
// End of variables declaration
}

```

End.