

Lembar Kerja Peserta Didik

Dasar – dasar Pemograman Visual Menggunakan bahasa pemograman java & Apache netbeans

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Kelas : XI RPL 2

Materi : Dasar - dasar Pemrograman Visual

Menggunakan bahasa pemrograman

java & Apache netbeans



Source Codenya :

```
/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class KonversiSuhu extends javax.swing.JFrame {

    /**
     * Creates new form KonversiSuhu
     */
    public KonversiSuhu() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        celsiusTextField = new javax.swing.JTextField();
        konversiButton = new javax.swing.JButton();
        fahrenheitLabel = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setBackground(new java.awt.Color(255, 255, 255));

        jLabel1.setFont(new java.awt.Font("Square721 Cn BT", 0, 36)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(255, 0, 0));
        jLabel1.setText("KONVERSI SUHU");

        jLabel2.setText("Suhu pada Celsius : ");

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

```

konversiButton.setForeground(new java.awt.Color(255, 102, 0));
konversiButton.setText("Konversi");
konversiButton.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        konversiButtonMouseClicked(evt);
    }
});

fahrenheitLabel.setFont(new java.awt.Font("Square721 Cn BT", 1, 18)); // NOI18N
fahrenheitLabel.setText("Pada Fahrenheit");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            layout.createSequentialGroup()
                .addContainerGap()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(33, 33, 33)
                        .addComponent(jLabel2)
                        .addGap(18, 18, 18)
                        .addComponent(celsiusTextField, javax.swing.GroupLayout.DEFAULT_SIZE,
92, Short.MAX_VALUE))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(46, 46, 46)
                        .addComponent(konversiButton)
                        .addGap(32, 32, 32))
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                        layout.createSequentialGroup()
                            .addGap(0, 0, Short.MAX_VALUE)
                            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 230,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(80, 80, 80))
                )
            )
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(fahrenheitLabel)
                .addGap(30, 30, 30)
            )
    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(30, 30, 30)
        )
    );

```

```

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel2)
    .addComponent(celsiusTextField, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(konversiButton))
.addGap(30, 30, 30)
.addComponent(fahrenheitLabel)
.addContainerGap(145, Short.MAX_VALUE))
);

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

private void konversiButtonMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    double celsius = Double.parseDouble(celsiusTextField.getText());
    double fahrenheit = celsius * 1.8 + 32;
    fahrenheitLabel.setText(fahrenheit + " Fahrenheit");
}

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

```

```

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

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

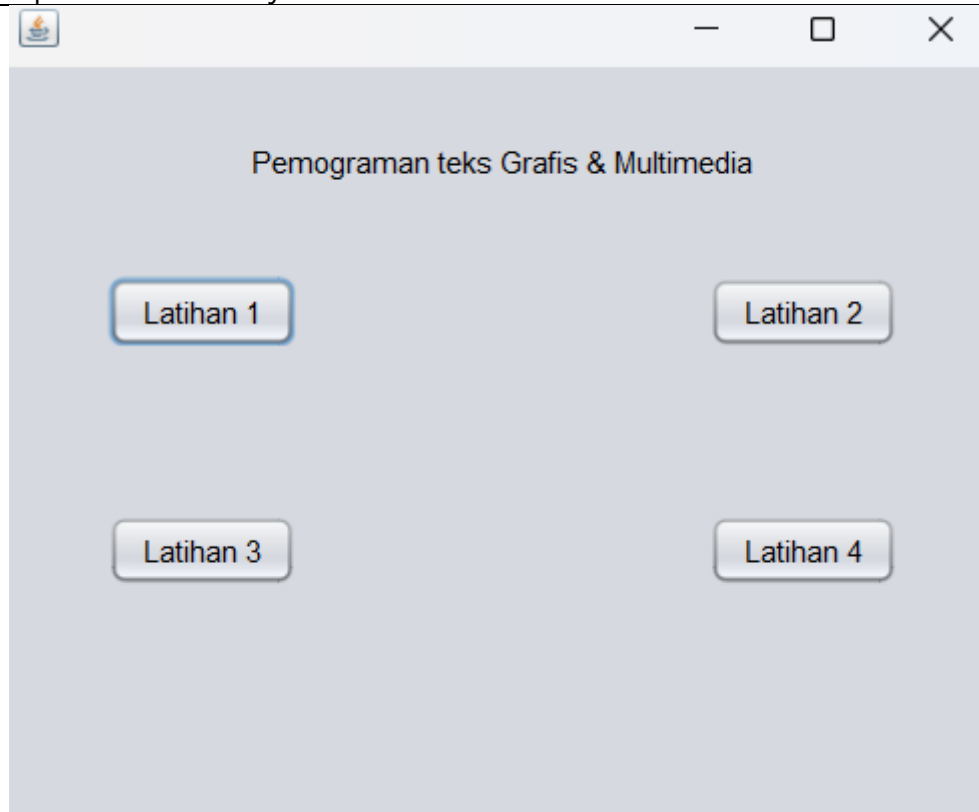
java.util.logging.Logger.getLogger(KonversiSuhu.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
//</editor-fold>

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

// Variables declaration - do not modify
private javax.swing.JTextField celsiusTextField;
private javax.swing.JLabel fahrenheitLabel;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JButton konversiButton;
// End of variables declaration
}

```

Hasil tampilan MenuUtama.java



Source code nya :

```
/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class MenuUtama extends javax.swing.JFrame {

    /**
     * Creates new form MenuUtama
     */
    public MenuUtama() {
        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() {

    jLabel1 = new javax.swing.JLabel();
    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("Pemograman teks Grafis & Multimedia");

    jButton1.setText("Latihan 1");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton2.setText("Latihan 2");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    jButton3.setText("Latihan 3");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton3ActionPerformed(evt);
        }
    });

    jButton4.setText("Latihan 4");
    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(100, 100, 100)
            .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 215,
Short.MAX_VALUE)
            .addGap(85, 85, 85))
        .addGroup(layout.createSequentialGroup()
            .addGap(43, 43, 43)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jButton3)
            .addComponent(jButton1))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jButton2, javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jButton4, javax.swing.GroupLayout.Alignment.TRAILING))
            .addGap(42, 42, 42)
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(30, 30, 30)
                .addComponent(jLabel1)
                .addGap(38, 38, 38)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton1)
                .addComponent(jButton2))
                .addGap(67, 67, 67)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton3)
                .addComponent(jButton4))
                .addContainerGap(103, Short.MAX_VALUE))
        );

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

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        Latihan1 lat1 = new Latihan1();
        lat1.show();// TODO add your handling code here:
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

```



```

    Latihan2 lat2 = new Latihan2();
    lat2.show();// TODO add your handling code here:
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    Latihan3 lat3 = new Latihan3();
    lat3.show();// TODO add your handling code here:
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    Latihan4 lat4 = new Latihan4();
    lat4.show();// 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(MenuUtama.class.getName()).log(java.util.logging.Level.
    SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

```

```

java.util.logging.Logger.getLogger(MenuUtama.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 MenuUtama().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.JButton jButton4;
private javax.swing.JLabel jLabel1;
// End of variables declaration
}

```

Hasil tampilan Latihan1.java

The screenshot shows a Java Swing application window titled "Latihan1.java". The window has a light gray background and standard Windows-style window controls (minimize, maximize, close). It contains two input fields: "Nama" with the text "Muhammad Fadhli" and "Pekerjaan" with a dropdown menu showing "Program...". Below these is an orange rectangular area displaying the entered data: "Nama : Muhammad Fadhli" and "Pekerjaan : Programmer". To the right of this area are three buttons: "Show", "Clear", and "Close".

Source code nya :

```
/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class Latihan1 extends javax.swing.JFrame {
    String nama, pekerjaan;
    /**
     * Creates new form Latihan1
     */
    public Latihan1() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        namaTextField = new javax.swing.JTextField();
        jLabel2 = new javax.swing.JLabel();
        comboBoxx = new javax.swing.JComboBox<>();
        showButton = new javax.swing.JButton();
        clearButton = new javax.swing.JButton();
        closeButton = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
        jTextArea1 = new javax.swing.JTextArea();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setBackground(new java.awt.Color(255, 255, 255));

        jLabel1.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
        jLabel1.setText("Nama");
```

```

namaTextField.setForeground(new java.awt.Color(0, 153, 204));

jLabel2.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
jLabel2.setText("Pekerjaan");

comboBoxx.setBackground(new java.awt.Color(0, 0, 0));
comboBoxx.setForeground(new java.awt.Color(255, 153, 102));
comboBoxx.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Siswa", "Guru", "Programmer", "Analyst", "" }));

showButton.setBackground(new java.awt.Color(0, 0, 0));
showButton.setForeground(new java.awt.Color(255, 51, 51));
showButton.setText("Show");
showButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        showButtonActionPerformed(evt);
    }
});

clearButton.setBackground(new java.awt.Color(0, 0, 0));
clearButton.setForeground(new java.awt.Color(255, 51, 51));
clearButton.setText("Clear");
clearButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        clearButtonActionPerformed(evt);
    }
});

closeButton.setBackground(new java.awt.Color(0, 0, 0));
closeButton.setForeground(new java.awt.Color(255, 51, 51));
closeButton.setText("Close");
closeButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        closeButtonActionPerformed(evt);
    }
});

jTextArea1.setBackground(new java.awt.Color(255, 153, 102));
jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .add(jLabel2)
            .add(comboBoxx)
            .add(showButton)
            .add(clearButton)
            .add(closeButton)
            .add(jScrollPane1)
        )
        .addContainerGap())
);

```

```

        .addGap(22, 22, 22)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jScrollPane1)
                .addGap(18, 18, 18)

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

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(showButton,
                    javax.swing.GroupLayout.Alignment.TRAILING)
                .addComponent(closeButton,
                    javax.swing.GroupLayout.Alignment.TRAILING))
                .addComponent(clearButton)))
            .addGroup(layout.createSequentialGroup()

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 63,
                    javax.swing.GroupLayout.PREFERRED_SIZE))

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

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(comboBoxx, javax.swing.GroupLayout.PREFERRED_SIZE,
                    94, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(namaTextField,
                    javax.swing.GroupLayout.PREFERRED_SIZE, 267,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(0, 30, Short.MAX_VALUE)))
            .addContainerGap()
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(39, 39, 39)

                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(namaTextField, javax.swing.GroupLayout.PREFERRED_SIZE,
                        28, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel1))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

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

```

```

        .addComponent(comboBoxx, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel2))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(showButton)
        .addGap(31, 31, 31)
        .addComponent(clearButton)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(closeButton)
        .addGap(36, 36, 36))
    .addGroup(layout.createSequentialGroup()
        .addGap(20, 20, 20)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
139, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(27, Short.MAX_VALUE)))
);

```

```

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

```

```

private void showButtonActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    nama = namaTextField.getText();
    if(comboBoxx.getSelectedItem() == "Siswa")
    {pekerjaan = "Siswa";}
    else if(comboBoxx.getSelectedItem() == "Guru")
    {pekerjaan = "Guru";}
    else if (comboBoxx.getSelectedItem() == "Programmer")
    {pekerjaan = "Programmer";}
    else
    {pekerjaan = "Analyst";}

    jTextArea1.setText("Nama :\t" +nama+
        "\nPekerjaan :\t" +pekerjaan);
}

```

```

private void clearButtonActionPerformed(java.awt.event.ActionEvent evt) {
    namaTextField.setText("");
    jTextArea1.setText("");
}

```

```

private void closeButtonActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

```

```

    }

    /**
     * @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(Latihan1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Latihan1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Latihan1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Latihan1.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 Latihan1().setVisible(true);
        }
    });
}

```

```
}

// Variables declaration - do not modify
private javax.swing.JButton clearButton;
private javax.swing.JButton closeButton;
private javax.swing.JComboBox<String> comboBoxx;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField namaTextField;
private javax.swing.JButton showButton;
// End of variables declaration
}
```


Hasil tampil Latihan2.java

The screenshot shows a Java Swing window titled "Hasil tampil Latihan2.java". Inside the window, there is a light gray panel containing a form. The form has two input fields: "Nama" with the text "Muhammad Fadhli" and "Zodiak" with a dropdown menu showing "Capricorn". Below these fields are three buttons: "Show", "Clear", and "Close". At the bottom of the panel is an orange rectangular box containing the text "Nama : Muhammad Fadhli" and "Zodiak : Capricorn".

Field	Value
Nama	Muhammad Fadhli
Zodiak	Capricorn

Source code nya :

```
/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class Latihan2 extends javax.swing.JFrame {

    String nama, zodiak;
    int pilihan;
    public Latihan2() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jComboBox1 = new javax.swing.JComboBox<>();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
        jTextArea1 = new javax.swing.JTextArea();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
        jLabel1.setText("Nama ");

        jLabel2.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
        jLabel2.setText("Zodiak");
```

```
jComboBox1.setBackground(new java.awt.Color(0, 0, 0));
jComboBox1.setForeground(new java.awt.Color(255, 153, 51));
jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Capricorn", "Virgo", "Scorpio" }));

jButton1.setBackground(new java.awt.Color(0, 0, 0));
jButton1.setForeground(new java.awt.Color(255, 51, 51));
jButton1.setText("Show");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(0, 0, 0));
jButton2.setForeground(new java.awt.Color(255, 51, 51));
jButton2.setText("Clear");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(0, 0, 0));
jButton3.setForeground(new java.awt.Color(255, 51, 51));
jButton3.setText("Close");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jTextArea1.setEditable(false);
jTextArea1.setBackground(new java.awt.Color(255, 153, 102));
jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jComboBox1)
                .add(jButton1)
                .add(jButton2)
                .add(jButton3)
                .add(jTextArea1)
            )
            .addContainerGap())
        .addGroup(layout.createSequentialGroup()
            .add(jScrollPane1)
            .addContainerGap())
);


```

```

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(30, 30, 30)
        .addComponent(jLabel1)
        .addGap(16, 16, 16))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
    .addContainerGap()
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
37, javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
284, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(jButton2)
    .addComponent(jComboBox1,
javax.swing.GroupLayout.PREFERRED_SIZE, 160,
javax.swing.GroupLayout.PREFERRED_SIZE))))
    .addGroup(layout.createSequentialGroup()
        .addGap(38, 38, 38)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jButton3))))
    .addContainerGap(40, Short.MAX_VALUE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel1))
    .addGap(25, 25, 25)

```

```

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel2)
    .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 99,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(14, Short.MAX_VALUE))
);

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    nama = jTextField1.getText();

    pilihan = jComboBox1.getSelectedIndex();
    switch (pilihan) {
        case 0:
            zodiak = "Capricorn";
            break;
        case 1:
            zodiak = "Virgo";
            break;
        case 2:
            zodiak = "Scorpio";
            break;
    }
    jTextArea1.setText("Nama : \t" + nama + "\nZodiak : \t" + zodiak);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    jTextField1.setText("");
    jTextArea1.setText("");
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

MenuUtama mu = new MenuUtama();
mu.show();
this.dispose();
}

/**
 * @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(Latihan2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Latihan2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Latihan2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Latihan2.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 Latihan2().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.JComboBox<String> jComboBox1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
// End of variables declaration
}
```

Hasil Tampilan Latihan3.java

Source code :

```

/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class Latihan3 extends javax.swing.JFrame {
    String nama, makananfav;
    public Latihan3() {
        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() {

        label1 = new java.awt.Label();
    }
}

```



```

label2 = new java.awt.Label();
jScrollPane1 = new javax.swing.JScrollPane();
jList1 = new javax.swing.JList<>();
jScrollPane2 = new javax.swing.JScrollPane();
jTextArea2 = new javax.swing.JTextArea();
jButton1 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jTextField1 = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

label1.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
label1.setText("Nama");

label2.setFont(new java.awt.Font("White Smith", 0, 12)); // NOI18N
label2.setText("Makanan");

jList1.setBackground(new java.awt.Color(0, 0, 0));
jList1.setForeground(new java.awt.Color(255, 153, 102));
jList1.setModel(new javax.swing.AbstractListModel<String>() {
    String[] strings = { "Yakitori", "Takoyaki", "Ramen", "Sushi", "Donburi" };
    public int getSize() { return strings.length; }
    public String getElementAt(int i) { return strings[i]; }
});
jScrollPane1.setViewportView(jList1);

jTextArea2.setBackground(new java.awt.Color(255, 153, 102));
jTextArea2.setColumns(20);
jTextArea2.setRows(5);
jScrollPane2.setViewportView(jTextArea2);

jButton1.setBackground(new java.awt.Color(0, 0, 0));
jButton1.setForeground(new java.awt.Color(255, 51, 51));
jButton1.setText("Show");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(0, 0, 0));
jButton3.setForeground(new java.awt.Color(255, 51, 51));
jButton3.setText("Close");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

```

```
}  
});  
  
jButton2.setBackground(new java.awt.Color(0, 0, 0));  
jButton2.setForeground(new java.awt.Color(255, 51, 51));  
jButton2.setText("Clear");  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(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()  
                    .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,  
800, javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                        .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE,  
60, Short.MAX_VALUE)  
                        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
60, Short.MAX_VALUE))  
                )  
            )  
        );  
}
```

```

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 333,
javax.swing.GroupLayout.PREFERRED_SIZE))))
    .addContainerGap(23, 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()
        .addGap(31, 31, 31)
        .addComponent(label1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(40, 40, 40)
        .addComponent(label2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(layout.createSequentialGroup()
            .addGap(29, 29, 29)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(15, 15, 15)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
85, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
33, Short.MAX_VALUE)
        .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
138, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(17, 17, 17))
    .addGroup(layout.createSequentialGroup()
        .addGap(50, 50, 50)
        .addComponent(jButton1)
        .addGap(18, 18, 18)
        .addComponent(jButton2)
        .addGap(18, 18, 18)
        .addComponent(jButton3)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))))
);

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    nama = jTextField1.getText();

    if (jList1.getSelectedValue() == "Yakitori") {
        makananfav = "Yakitori";
    }else if (jList1.getSelectedValue() == "Takoyaki") {
        makananfav = "Takoyaki";
    }else if (jList1.getSelectedValue() == "Ramen") {
        makananfav = "Ramen";
    }else if (jList1.getSelectedValue() == "Sushi") {
        makananfav = "Sushi";
    }else if (jList1.getSelectedValue() == "Donburi") {
        makananfav = "Donburi";
    }else {
        makananfav = "Tidak ada";
    }
    jTextArea2.setText("Nama\t\t: " + nama
        + "\n Makanan Favorite\t: " + makananfav);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    jTextField1.setText("");
    jTextArea2.setText("");
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    MenuUtama mu = new MenuUtama();
    mu.show();
    this.dispose();
}

/**
 * @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(Latihan3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Latihan3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Latihan3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Latihan3.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 Latihan3().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.JList<String> jList1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTextArea jTextArea2;
private javax.swing.JTextField jTextField1;
private java.awt.Label label1;
private java.awt.Label label2;
// End of variables declaration
}

```

Hasil Tampilan Latihan4.java

The screenshot shows a Java Swing window titled "Hasil Tampilan Latihan4.java". Inside the window, there is a form with two input fields. The first field is labeled "Nama" and contains the text "Muhammad Fadhli". The second field is labeled "Asal Daerah" and has a dropdown menu open, showing a list of regions: "Bandung", "Makassar", "Bali", "Yogyakarta", and "Sorong". Below these fields is a large orange rectangular area. To the right of this area are three buttons: "Show", "Clear", and "Close".

Source code :

```

/*
 * 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 com.mycompany.visualmuhammadfadhli;

/**
 *
 * @author IQBAL
 */
public class Latihan4 extends javax.swing.JFrame {
    String nama, asal;
    int pilihan;
    public Latihan4() {
        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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jScrollPane1 = new javax.swing.JScrollPane();
    jList1 = new javax.swing.JList<>();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jScrollPane2 = new javax.swing.JScrollPane();
    jTextArea1 = new javax.swing.JTextArea();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setText("Nama");

    jLabel2.setText("Asal Daerah");

    jList1.setBackground(new java.awt.Color(0, 0, 0));
    jList1.setForeground(new java.awt.Color(255, 153, 51));
    jList1.setModel(new javax.swing.AbstractListModel<String>() {
        String[] strings = { "Bandung", "Makassar", "Bali", "Yogyakarta", "Sorong", " " };
        public int getSize() { return strings.length; }
        public String getElementAt(int i) { return strings[i]; }
    });
    jScrollPane1.setViewportView(jList1);

    jButton1.setBackground(new java.awt.Color(0, 0, 0));
    jButton1.setForeground(new java.awt.Color(255, 51, 51));
    jButton1.setText("Show");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton2.setBackground(new java.awt.Color(0, 0, 0));
    jButton2.setForeground(new java.awt.Color(255, 51, 51));
    jButton2.setText("Clear");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

```

```

    }
});

jButton3.setBackground(new java.awt.Color(0, 0, 0));
jButton3.setForeground(new java.awt.Color(255, 51, 51));
jButton3.setText("Close");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jTextArea1.setBackground(new java.awt.Color(255, 153, 102));
jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane2.setViewportView(jTextArea1);

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)
                .addGap(21, 21, 21)
                .addGroup(layout.createSequentialGroup()
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jScrollPane2)
                        .addGap(18, 18, 18)
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(jButton3)
                            .addComponent(jButton2)
                            .addComponent(jButton1))
                        .addGap(22, 22, 22))
                    .addGroup(layout.createSequentialGroup()
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(jLabel2)
                            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
                                javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
                                255, javax.swing.GroupLayout.PREFERRED_SIZE)

```



```

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
212, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(64, Short.MAX_VALUE)))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
        .addGap(17, 17, 17)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel1)
        .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE, 28,
Short.MAX_VALUE))
        .addGap(12, 12, 12)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel2)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 97,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
        .addGap(19, 19, 19)
        .addComponent(jButton1)
        .addGap(18, 18, 18)
        .addComponent(jButton2)
        .addGap(18, 18, 18)
        .addComponent(jButton3))
        .addGroup(layout.createSequentialGroup())
        .addGap(18, 18, 18)
        .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
155, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(34, Short.MAX_VALUE)
    );

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    nama = jTextField1.getText();
    pilihan = jList1.getSelectedIndex();
    switch (pilihan) {
        case 0:
            asal = "Bandung";
            break;
        case 1:
            asal = "Makassar";

```

```

        break;
    case 2:
        asal = "Bali";
        break;
    case 3:
        asal = "Yogyakarta";
        break;
    case 4:
        asal = "Sorong";
        break;
    }
    jTextArea1.setText("Nama\t:" + nama
        + "\nAsal Daerah\t:" + asal);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    jTextField1.setText("");
    jTextArea1.setText("");
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

/**
 * @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(Latihan4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Latihan4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Latihan4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Latihan4.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 Latihan4().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.JList<String> jList1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextField jTextField1;
// End of variables declaration
}

```