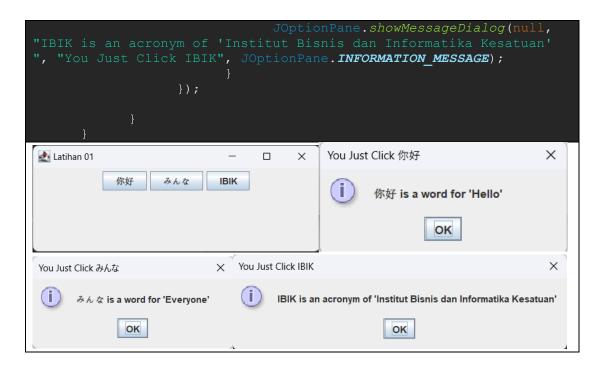
# Tugas 7 PBO

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```
package com.ibik.pbo.praktikum;
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
             Latihan01(){
                    setVisible(true);
                    pack();
                    setLocationRelativeTo(null);
      setDefaultCloseOperation(WindowConstants.EXIT ON CLOSE);
             public static void main(String[]args) {
                    new Latihan01();
                    JButton button1 = new JButton("你好");
                    JButton button2 = new JButton("みんな");
                    JButton button3 = new JButton("IBIK");
                    frame.add(button1);
                    frame.add(button2);
                    frame.add(button3);
                    frame.setLayout(new FlowLayout());
                    button1.addActionListener(new ActionListener() {
                                  JOptionPane.showMessageDialog(null, "
你好 is a word for 'Hello' ", "You Just Click 你好",
JOptionPane.INFORMATION MESSAGE);
                    });
                    button2.addActionListener(new ActionListener() {
                                  JOptionPane.showMessageDialog(null, "
みんな is a word for 'Everyone' ", "You Just Click みんな",
JOptionPane.INFORMATION MESSAGE);
                    button3.addActionListener(new ActionListener() {
```



```
package com.ibik.pbo.praktikum;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.*;
public class Latihan02 extends JFrame{
    private JTextField isi1, isi2, isi3;
    private JComboBox pilih;

    Latihan02(){
        setVisible(true);
        setTitle("Latihan02");
        setLocationRelativeTo(null);
        pack();
        setSize(400, 400);
        setResizable(false);
        GUI(this);
}

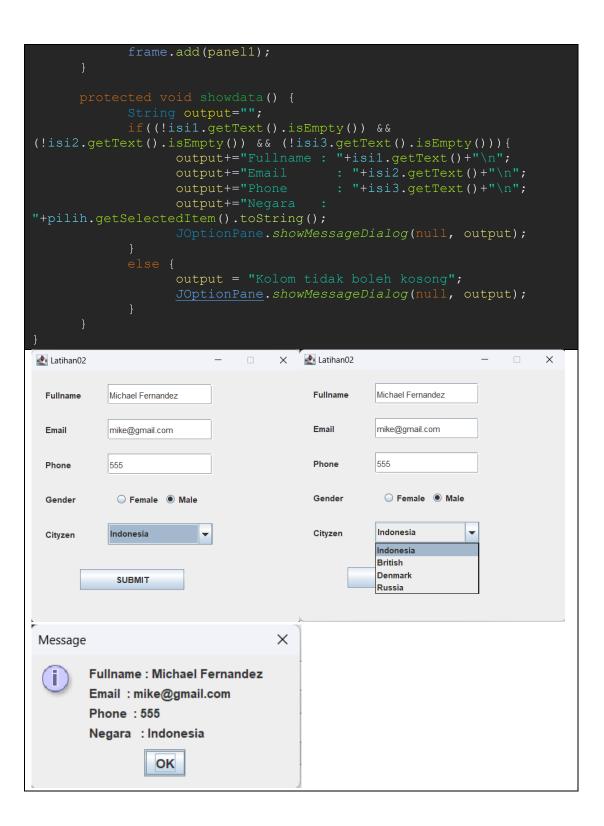
    public static void main(String[] args) {
        new Latihan02();
    }

    private void GUI(Latihan02 frame) {
        JPanel panel1 = new JPanel();
        panel1.setLayout(null);

        JLabel label1 = new JLabel("Fullname");
        label1.setBounds(20,20,150,30);
        panel1.add(label1);

        isi1 = new JTextField();
        isi1.setBounds(110,20,150,30);
}
```

```
isi1.setText (null);
            panel1.add(isi1);
            JLabel label2 = new JLabel ("Email");
            label2.setBounds(20, 70, 150, 30);
            panel1.add(label2);
            isi2 = new JTextField();
            isi2.setText(null);
            panel1.add(isi2);
            label3.setBounds(20, 120,150,30);
            panel1.add(label3);
            isi3 = new JTextField();
            isi3.setBounds(110, 120,150,30);
            panel1.add(isi3);
            JLabel label4 = new JLabel("Gender");
            label4.setBounds(20,170,150,30);
            panel1.add(label4);
            JRadioButton gender1 = new JRadioButton("Male");
            gender1.setBounds(190, 170, 150, 30);
            panel1.add(gender1);
            JRadioButton gender2 = new JRadioButton("Female");
            gender2.setBounds(120, 170, 150, 30);
            panel1.add(gender2);
            ButtonGroup gender = new ButtonGroup();
            gender.add(gender1); gender.add(gender2);
            JLabel cityzen = new JLabel("Cityzen");
            cityzen.setBounds(20, 220, 150, 30);
            panel1.add(cityzen);
            String negara [] =
            pilih = new JComboBox(negara);
            pilih.setBounds(110, 220, 150, 30);
            panel1.add(pilih);
            submit.setBounds(70, 285, 150, 30);
            panel1.add(submit);
            submit.addActionListener((ActionListener) new
ActionListener() {
                        showdata();
            });
```



```
package com.ibik.pbo.praktikum;
import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.*;
import java.awt.Dialog.ModalExclusionType;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
        private JTextField textField 1;
private JTextField textField 2;
private JTable table;
                                         frame.setSize(380,300);
                                         e.printStackTrace();
                });
                JPanel mainPanel = new JPanel();
                mainPanel.setLayout(new BorderLayout());
        setModalExclusionType (ModalExclusionType.APPLICATION EXCLUDE)
                setDefaultCloseOperation(JFrame.EXIT ON CLOSE);
                setBounds(50, 50, 150, 150);
contentPane = new JPanel();
                contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
                setContentPane (contentPane);
                contentPane.setLayout(null);
                JLabel lblNewLabel = new JLabel("Email");
                lblNewLabel.setBounds(22, 23, 80, 16);
                contentPane.add(lblNewLabel);
                textField = new JTextField();
                textField.setBounds(105, 18, 169, 26);
```

```
contentPane.add(textField);
             textField.setColumns(10);
             lblNewLabel_1.setBounds(22, 69, 61, 16);
contentPane.add(lblNewLabel_1);
             final JPasswordField textField 1 = new
JPasswordField();
             JCheckBox remember = new JCheckBox("Remember
             remember.setBounds(90, 120, 180, 10);
             contentPane.add(remember);
             btnNewButton.setBounds(105, 146, 150, 26);
             contentPane.add(btnNewButton);
textField 1.getText().isEmpty()) {
                                 JOptionPane.showMessageDialog(null,
JOptionPane. WARNING MESSAGE);
                                  if(e.getSource() == btnNewButton) {
   "informasi", JOptionPane. INFORMATION MESSAGE);
             });
                               Latihan 03
                                    ×
  Email
           mike@gmail.com
           ....
  Password
         Remember Password?
                                         informasi
                                                                     X
                 LOGIN
                                               Selamat Datang Michael F
                                                      OK
```

```
package com.ibik.pbo.praktikum;
import java.awt.Font;
import java.awt.BorderLayout;
import java.awt.FlowLayout;
import java.awt.Dimension;
import java.awt.Dimension;
import javax.swing.BorderFactory;
import javax.swing.ButtonGroup;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JMenu;
import javax.swing.JMenuBar;
import javax.swing.JMenuItem;
import javax.swing.JPanel;
import javax.swing.JRadioButton;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.JTextField;
import javax.swing.JTextField;
import javax.swing.WindowConstants;
import javax.swing.border.Border;
 import javax.swing.border.Border;
               setVisible(true);
               pack();
               setLocationRelativeTo(null);
               setTitle("Form");
               setDefaultCloseOperation(WindowConstants.EXIT ON CLOSE);
        public static void main(String[] args) {
              new Latihan04();
               JMenuBar menuBar = new JMenuBar();
               JMenu helpMenu = new JMenu ("Help");
               menuBar.add(fileMenu);
               menuBar.add(editMenu);
               menuBar.add(helpMenu);
               JMenuItem item1 = new JMenuItem("New");
               JMenuItem item2 = new JMenuItem("Save");
               JMenuItem item3 = new JMenuItem("Exit");
               fileMenu.add(item1);
               fileMenu.add(item2);
               fileMenu.add(item3);
               frame.setJMenuBar(menuBar);
               mainPanel.setLayout(new BorderLayout());
```

```
frame.setContentPane(mainPanel);
        JPanel headerPanel = new JPanel();
        headerPanel.setLayout(new FlowLayout(FlowLayout.CENTER));
        mainPanel.add(headerPanel, BorderLayout.NORTH);
PBO");
        headerTitle.setFont(new Font("Arial", Font.PLAIN, 30));
        headerPanel.add(headerTitle);
        Border lftPanelBorder =
BorderFactory.createTitledBorder("Input Data Mahasiswa");
        leftPanel.setLayout(null);
        leftPanel.setPreferredSize(new Dimension(480, 480));
       mainPanel.add(leftPanel, BorderLayout.WEST);
        JLabel npmLabel = new JLabel("NPM");
        npmLabel.setBounds(22, 40, 80, 30);
        leftPanel.add(npmLabel);
        JTextField inputNPM = new JTextField();
        inputNPM.setBounds(22, 80, 400, 30);
        leftPanel.add(inputNPM);
        JLabel namaLabel = new JLabel("Nama");
        namaLabel.setBounds(22, 120, 80, 30);
        leftPanel.add(namaLabel);
        JTextField inputNama = new JTextField();
        inputNama.setBounds(22, 160, 400, 30);
        leftPanel.add(inputNama);
        JLabel gradeLabel = new JLabel("Nilai");
        gradeLabel.setBounds(22, 200, 80, 30);
        leftPanel.add(gradeLabel);
        JRadioButton gradeA = new JRadioButton("A");
        gradeA.setBounds(25, 240, 50, 30);
        leftPanel.add(gradeA);
        JRadioButton gradeB = new JRadioButton("B");
        gradeB.setBounds(100, 240, 50, 30);
        leftPanel.add(gradeB);
        JRadioButton gradeC = new JRadioButton("C");
        gradeC.setBounds(175, 240, 50, 30);
        leftPanel.add(gradeC);
        JRadioButton gradeD = new JRadioButton("D");
        gradeD.setBounds(250, 240, 50, 30);
        leftPanel.add(gradeD);
        JRadioButton gradeE = new JRadioButton("E");
        gradeE.setBounds(325, 240, 50, 30);
```

```
leftPanel.add(gradeE);
        gradeF.setBounds(400, 240, 50, 30);
        leftPanel.add(gradeF);
        ButtonGroup bg = new ButtonGroup();
        bg.add(gradeA);
        bg.add(gradeB);
        bg.add(gradeC);
        bg.add(gradeD);
        bg.add(gradeE);
        bg.add(gradeF);
        btnSave.setBounds(25, 280, 100, 30);
        leftPanel.add(btnSave);
        btnDelete.setBounds(175, 280, 100, 30);
        leftPanel.add(btnDelete);
        btnClear.setBounds(325, 280, 100, 30);
        leftPanel.add(btnClear);
        leftPanel.setBorder(lftPanelBorder);
        Border rPanelBorder =
BorderFactory.createTitledBorder("Data Mahasiswa");
        JPanel rightPanel = new JPanel();
        rightPanel.setLayout(new FlowLayout(FlowLayout.CENTER));
        mainPanel.add(rightPanel, BorderLayout.EAST);
        String data[][] = {
        JTable jt = new JTable(data, column);
        jt.setBounds(22, 40, 480, 450);
JScrollPane sp = new JScrollPane(jt);
        rightPanel.add(sp);
        rightPanel.setBorder(rPanelBorder);
```

