

Fathurahman AL F

212310018

TI 21 PA2

- Latihan 02

```
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class Latihan02 {

    public static void main(String[] args) {
        Biodata myBio = new Biodata();
        ImageIcon icon = new ImageIcon("C:/Users/User/Downloads/icon2.png");

        myBio.setFullname(JOptionPane.showInputDialog(
            null,
            "Masukan Nama Lengkap Anda : ",
            "Form Input Nama",
            JOptionPane.QUESTION_MESSAGE
        ));

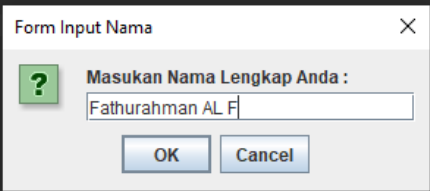
        myBio.setAge(Integer.parseInt(JOptionPane.showInputDialog(
            null,
            "Masukan Umur Anda : ",
            "Form Input Umur",
            JOptionPane.QUESTION_MESSAGE
        )));

        myBio.setAlamat(JOptionPane.showInputDialog(
            null,
            "Masukan Alamat Rumah Anda : ",
            "Form Input Alamat",
            JOptionPane.QUESTION_MESSAGE
        ));

        JOptionPane.showMessageDialog(
            null,
            "Nama Lengkap : " + myBio.getFullname()
            + "\nUmur : " + myBio.getAge() + " Tahun "
            + "\nAlamat : " + myBio.getAlamat());
    }
}
```

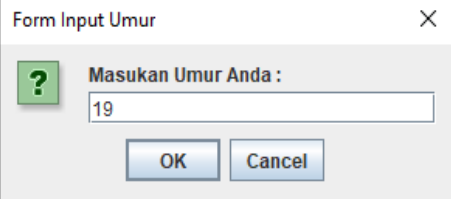
- Output Latihan 02

```
ane.showInputDialog()
```



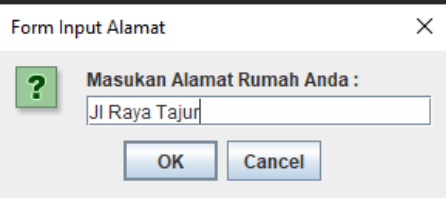
A screenshot of a Java Swing dialog box titled "Form Input Nama". It contains a green question mark icon, the label "Masukan Nama Lengkap Anda :", and a text field containing "Fathurahman AL F". At the bottom are "OK" and "Cancel" buttons.

```
showInputDialog()
```



A screenshot of a Java Swing dialog box titled "Form Input Umur". It contains a green question mark icon, the label "Masukan Umur Anda :", and a text field containing "19". At the bottom are "OK" and "Cancel" buttons.

```
showInputDialog()
```



A screenshot of a Java Swing dialog box titled "Form Input Alamat". It contains a green question mark icon, the label "Masukan Alamat Rumah Anda :", and a text field containing "JI Raya Tajur". At the bottom are "OK" and "Cancel" buttons.

```
showInputDialog()
```



A screenshot of a Java Swing dialog box titled "Message". It contains a blue information icon, the text "Nama Lengkap : Fathurahman AL F", "Umur : 19 Tahun", and "Alamat : JI Raya Tajur". At the bottom is an "OK" button.

- Latihan 03

```
import javax.swing.JOptionPane;
import java.util.regex.Pattern;

public class Latihan03 {
    public static void main(String[] args) {
        Biodata myBio = new Biodata();
        String fullname, alamat, age;

        fullname = JOptionPane.showInputDialog(
            null,
            "Input your fullname:",
            "Form Input",
            JOptionPane.QUESTION_MESSAGE
        );
        alamat = JOptionPane.showInputDialog(
            null,
            "Input your address:",
            "Form Input",
            JOptionPane.QUESTION_MESSAGE
        );
        age = JOptionPane.showInputDialog(
            null,
            "Input your age:",
            "Form Input",
            JOptionPane.QUESTION_MESSAGE
        );

        if(fullname.isEmpty() && alamat.isEmpty() && age.isEmpty()) {
            JOptionPane.showMessageDialog(
                null,
                "Field fullname/usia/alamat tidak boleh
kosong",
                "Error Message",
                JOptionPane.ERROR_MESSAGE);
        }

        else
            if(!Pattern.matches("^[0-9]+$", age)) {
                JOptionPane.showMessageDialog(
                    null,
                    "Isian usia harus angka",
                    "Error Message",
                    JOptionPane.ERROR_MESSAGE);
            }

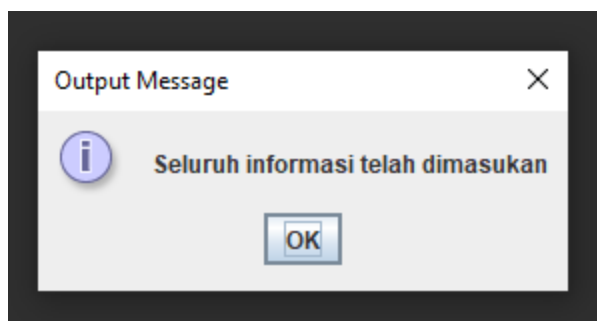
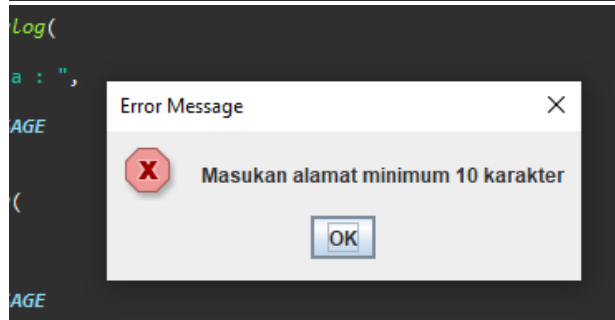
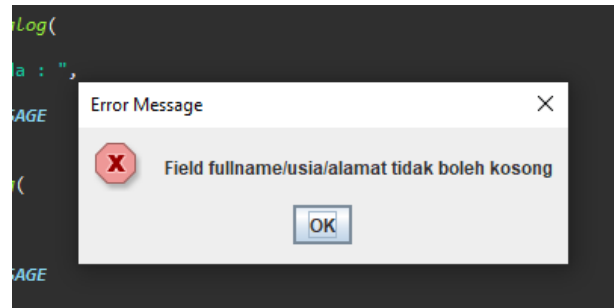
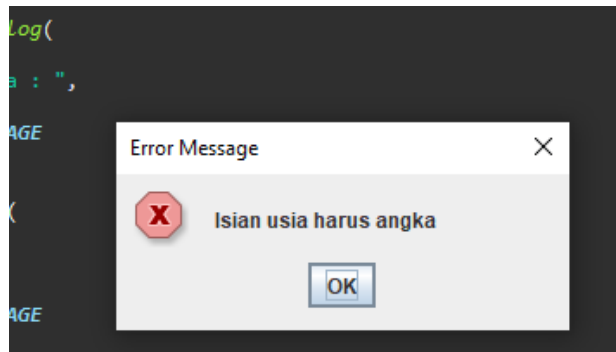
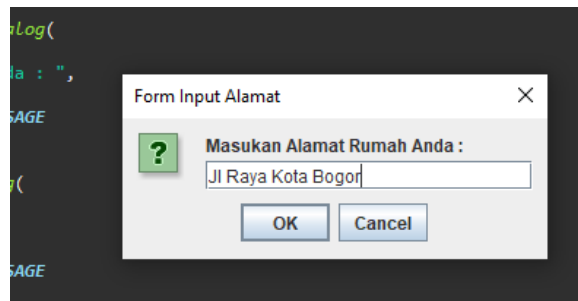
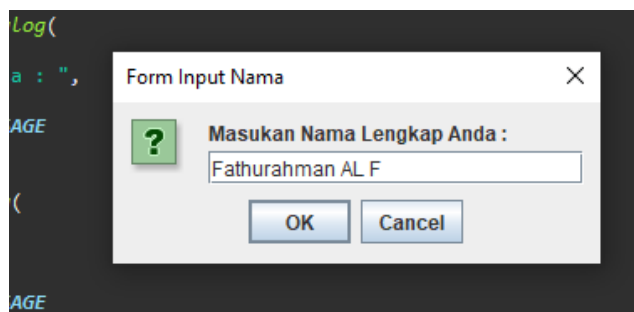
        else if(alamat.length() < 10) {
            JOptionPane.showMessageDialog(
                null,
                "Masukan alamat minimum 10 karakter",
            
```

```

        "Error Message",
        JOptionPane.ERROR_MESSAGE);
    }
    else {
        JOptionPane.showMessageDialog(
            null,
            "Seluruh informasi telah dimasukan",
            "Output Message",
            JOptionPane.INFORMATION_MESSAGE);
    }
}

```

Output Latihan 03



Latihan 04

```
import javax.swing.JOptionPane;
import java.util.regex.Pattern;
public class Latihan04 {

    public static void main(String[] args) {
        JOptionPane myBio = new JOptionPane();

        String fullname, alamat, age;
        boolean isLanjut = true;

        fullname = JOptionPane.showInputDialog(
            null,
            "Masukan Nama Lengkap Anda : ",
            "Form Input Nama",
            JOptionPane.QUESTION_MESSAGE
        );

        alamat = JOptionPane.showInputDialog(
            null,
            "Masukan Alamat Rumah Anda : ",
            "Form Input Alamat",
            JOptionPane.QUESTION_MESSAGE
        );

        age = JOptionPane.showInputDialog(
            null,
            "Masukan Umur Anda :",
            "Form Input Umur",
            JOptionPane.QUESTION_MESSAGE
        );

        if(fullname.isEmpty() && alamat.isEmpty() && age.isEmpty()) {
            JOptionPane.showMessageDialog(
                null,
                "Field fullname/usia/alamat tidak boleh
kosong",
                "Error Message",
                JOptionPane.ERROR_MESSAGE);
        }

        else
            if(!Pattern.matches("^[0-9]+$", age)) {
                JOptionPane.showMessageDialog(
                    null,
                    "Isian usia harus angka",
                    "Error Message",
                    JOptionPane.ERROR_MESSAGE);
            }

        else if(alamat.length() < 10) {
            JOptionPane.showMessageDialog(
                null,
```

```

        "Masukan alamat minimum 10 karakter",
        "Error Message", JOptionPane.ERROR_MESSAGE);
    }
    else {
        JOptionPane.showMessageDialog(
            null,
            "Seluruh informasi telah dimasukan",
            "Output Message", JOptionPane.INFORMATION_MESSAGE);
    }

    int keluar = JOptionPane.showConfirmDialog(null, "Apakah Anda ingin
keluar?", "Keluar?", JOptionPane.YES_NO_OPTION);
    if(keluar == JOptionPane.YES_OPTION) {
        isLanjut = false;
    } else {
        isLanjut = true;
    }
    JOptionPane.showMessageDialog(null, "Program Selesai");
}
}

```

Output Latihan 04

