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Praktikum-3-Swing-1

Latihan 02

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

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

                        myBio.setFullname(JOptionPane.showInputDialog(
                                null,
                                "Input your fullname:",
                                "Form Input",
                                JOptionPane.QUESTION_MESSAGE
                        ));

                        myBio.setAge(Integer.parseInt(JOptionPane.showInputDialog(
                                null,
                                "Input your age:",
                                "Form Input",
                                JOptionPane.QUESTION_MESSAGE
                        )));

                        myBio.setAddress(JOptionPane.showInputDialog(
                                null,
                                "Input your address:",
                                "Form Input",
                                JOptionPane.QUESTION_MESSAGE
```
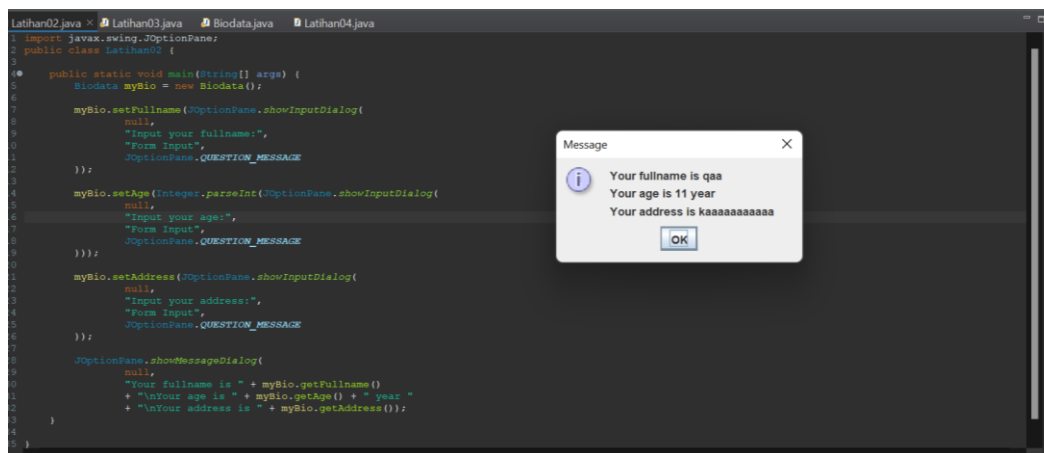
```
                ));


        JOptionPane.showMessageDialog(

                null,

                "Your fullname is " + myBio.getFullname()

                + "\nYour age is " + myBio.getAge() + " year "

                + "\nYour address is " + myBio.getAddress());

    }


}
```


Latihan 03

```java
import javax.swing.JOptionPane;

import java.util.regex.Pattern;


public class Latihan03 {

        public static void main(String[] args) {

                Biodata myBio = new Biodata();


                String Fullname, Address, Age;
```

```java
Fullname = JOptionPane.showInputDialog(

        null,

        "Input Your Name",

        "Form Input",

        JOptionPane.QUESTION_MESSAGE);


Age = JOptionPane.showInputDialog(

        null,

        "Input Your Age",

        "Form Input",

        JOptionPane.QUESTION_MESSAGE);


Address = JOptionPane.showInputDialog(

        null,

        "Input Your Address",

        "Form Input",

        JOptionPane.QUESTION_MESSAGE);


if(Fullname.isEmpty() && Address.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",
```

```java
                        "Error Message",

                        JOptionPane.ERROR_MESSAGE);

        }


        else if(Address.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);

        }



    }



}
```

Latihan 04

```java
import javax.swing.JOptionPane;

import java.util.regex.Pattern;


public class Latihan04 {


    public static void main(String[] args) {

            Biodata myBio = new Biodata();


            String Fullname, Address, Age;

            boolean again = true;


            while(again) {

            Fullname = JOptionPane.showInputDialog(

                        null,

                        "Input Your Name",

                        "Form Input",

                        JOptionPane.QUESTION_MESSAGE);


            Age = JOptionPane.showInputDialog(

                        null,

                        "Input Your Age",

                        "Form Input",
```

```java
                    JOptionPane.QUESTION_MESSAGE);


        Address = JOptionPane.showInputDialog(
                    null,
                    "Input Your Address",
                    "Form Input",
                    JOptionPane.QUESTION_MESSAGE);


if(Fullname.isEmpty() && Address.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(Address.length() < 10) {
        JOptionPane.showMessageDialog(
                        null,
                        "Masukan alamat minimum 10 karakter",
                        "Error Message",
                        JOptionPane.ERROR_MESSAGE);
```

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


				JOptionPane.showMessageDialog(
							null,
							"Your fullname is " + myBio.getFullname()
							+ "\nYour age is " + myBio.getAge() + " year "
							+ "\nYour address is " + myBio.getAddress());


				int exit = JOptionPane.showConfirmDialog(
							null,
							"Apakah anda ingin keluar ?",
							"Keluar",
							JOptionPane.YES_NO_CANCEL_OPTION);


				if(exit == JOptionPane.YES_OPTION) {
						again = false;
				} else {
						again = true;
				}
			}
		}
	}
```

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

public class Latihan04 {

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

        String Fullname, Address, Age;
        boolean again = true;

        while(again) {
            Fullname = JOptionPane.showInputDialog(
                    null,
                    "Input Your Name",
                    "Form Input",
                    JOptionPane.QUESTION_MESSAGE);

            Age = JOptionPane.showInputDialog(
                    null,
                    "Input Your Age",
                    "Form Input",
                    JOptionPane.QUESTION_MESSAGE);

            Address = JOptionPane.showInputDialog(
                    null,
                    "Input Your Address",
                    "Form Input",
                    JOptionPane.QUESTION_MESSAGE);

            if(Fullname.isEmpty() && Address.isEmpty() && Age.isEmpty()) {
                JOptionPane.showMessageDialog(
                        null,
                        "Field fullname/usia/alamat tidak boleh kosong",
                        "Error Message",
```



```java
            if(Fullname.isEmpty() && Address.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(Address.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);
            }

            JOptionPane.showMessageDialog(
                    null,
```



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

            JOptionPane.showMessageDialog(
                    null,
                    "Your fullname is " + myBio.getFullname()
                    + "\nYour age is " + myBio.getAge() + " year "
                    + "\nYour address is " + myBio.getAddress());

            int exit = JOptionPane.showConfirmDialog(
                    null,
                    "Apakah anda ingin keluar ?",
                    "Keluar",
                    JOptionPane.YES_NO_CANCEL_OPTION);

            if(exit == JOptionPane.YES_OPTION) {
                again = false;
            } else {
                again = true;
            }
        }
    }
}
```

Biodata

```java
import javax.swing.JOptionPane;


public class Biodata {


        private String Fullname, Address;

        private int Age;


        public String getFullname() {

                return Fullname;

        }

        public void setFullname(String fullname) {

                Fullname = fullname;

        }


        public String getAddress() {

                return Address;

        }

        public void setAddress(String address) {

                Address = address;

        }


        public int getAge() {

                return Age;

        }

        public void setAge(int age) {

                this.Age = age;

        }


}
```

```java
import javax.swing.JOptionPane;

public class Biodata {

    private String Fullname, Address;
    private int Age;

    public String getFullname() {
        return Fullname;
    }
    public void setFullname(String fullname) {
        Fullname = fullname;
    }

    public String getAddress() {
        return Address;
    }
    public void setAddress(String address) {
        Address = address;
    }

    public int getAge() {
        return Age;
    }
    public void setAge(int age) {
        this.Age = age;
    }

}
```