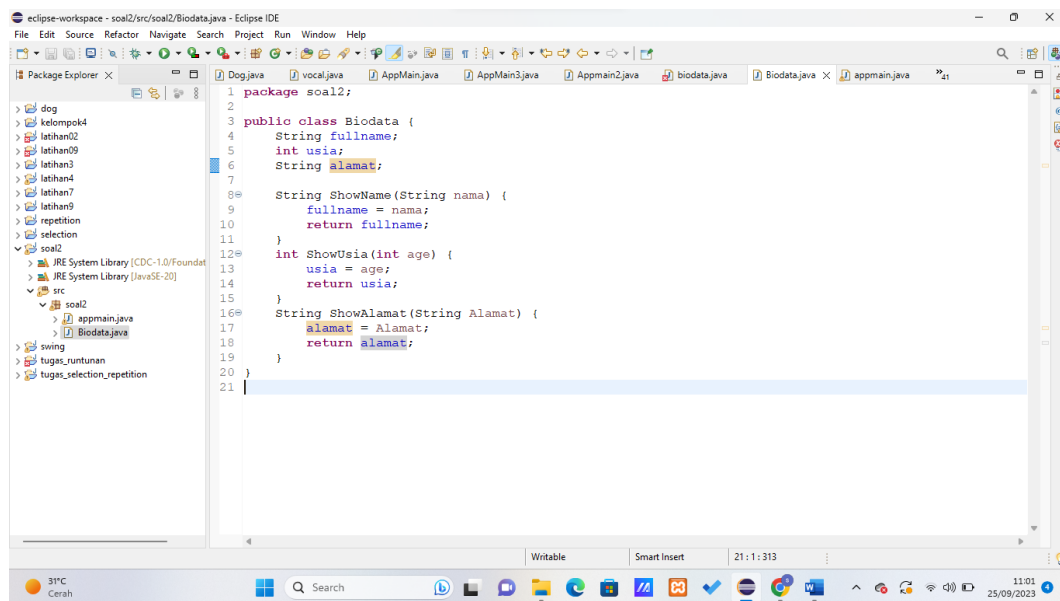


Nama: Siti Rohmah

NPM: 222310054

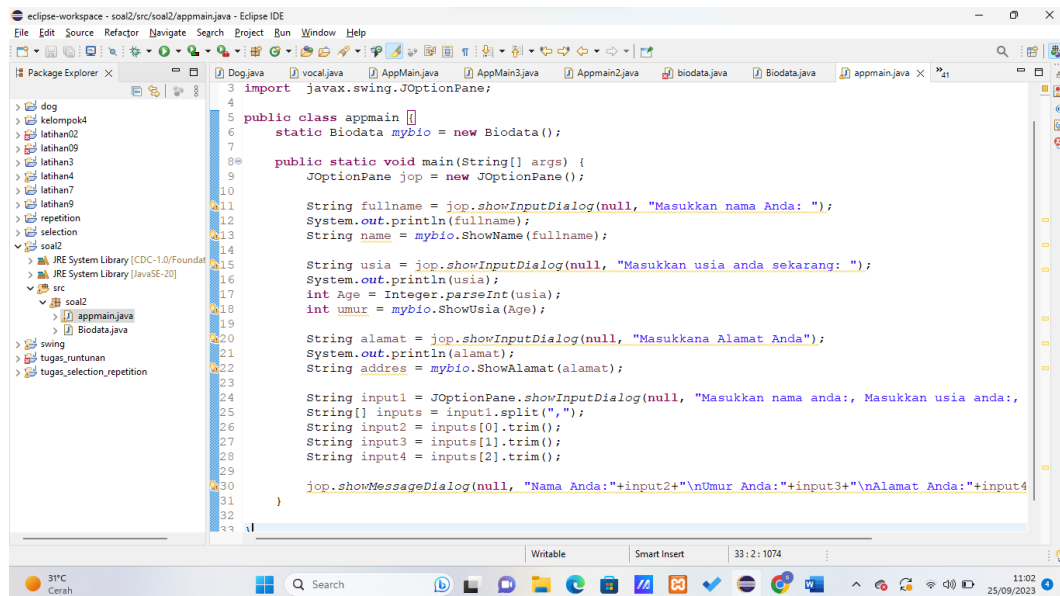
Kelas: TI-22-PB

## Latihan 02



The screenshot shows the Eclipse IDE with the file `Biodata.java` open. The package is `soal2`. The code defines a `Biodata` class with three methods: `ShowName`, `ShowUsia`, and `ShowAlamat`.

```
1 package soal2;
2
3 public class Biodata {
4     String fullname;
5     int usia;
6     String alamat;
7
8     String ShowName(String nama) {
9         fullname = nama;
10        return fullname;
11    }
12    int ShowUsia(int age) {
13        usia = age;
14        return usia;
15    }
16    String ShowAlamat(String Alamat) {
17        alamat = Alamat;
18        return alamat;
19    }
20 }
21
```



The screenshot shows the Eclipse IDE with the file `appmain.java` open. The package is `soal2`. The code imports `JOptionPane` and defines a `appmain` class with a `main` method that uses `Biodata` and `JOptionPane` to interact with the user.

```
1 import javax.swing.JOptionPane;
2
3 public class appmain {
4     static Biodata mybio = new Biodata();
5
6     public static void main(String[] args) {
7         JOptionPane jop = new JOptionPane();
8
9         String fullname = jop.showInputDialog(null, "Masukkan nama Anda: ");
10        System.out.println(fullname);
11        String name = mybio.ShowName(fullname);
12
13        String usia = jop.showInputDialog(null, "Masukkan usia anda sekarang: ");
14        System.out.println(usia);
15        int Age = Integer.parseInt(usia);
16        int umur = mybio.ShowUsia(Age);
17
18        String alamat = jop.showInputDialog(null, "Masukkana Alamat Anda");
19        System.out.println(alamat);
20        String address = mybio.ShowAlamat(alamat);
21
22        String input1 = JOptionPane.showInputDialog(null, "Masukkan nama anda: Masukkan usia anda:");
23        String[] inputs = input1.split(",");
24        String input2 = inputs[0].trim();
25        String input3 = inputs[1].trim();
26        String input4 = inputs[2].trim();
27
28        jop.showMessageDialog(null, "Nama Anda:"+input2+"\nUmur Anda:"+input3+"\nAlamat Anda:"+input4);
29    }
30 }
31
```

Input

Masukkan nama Anda:

Siti Rohmah

OK Cancel

Input

Masukkan usia anda sekarang:

20

OK Cancel

Input

Masukkana Alamat Anda

Cijeruk

OK Cancel

Input

Masukkan nama anda:, Masukkan usia anda:, Masukan alamat anda:

Siti Rohmah, 20, Cijeruk

OK Cancel

Message

Nama Anda:Siti Rohmah  
Umur Anda:20  
Alamat Anda:Cijeruk

OK

## Latihan 03

```
eclipse-workspace - soal2/src/soal2/soal3.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
latihan4.java biodata.java appmain.java nyobj.java main.java Biodata.java appmain.java latihan03.java main.java soal3.java x2

16 public boolean isFullNameValid() {
17     return !fullname.isEmpty();
18 }
19
20 public boolean isUsiaValid() {
21     try {
22         Integer.parseInt(String.valueOf(usia));
23         return true;
24     } catch (NumberFormatException e) {
25         return false;
26     }
27 }
28
29 public boolean isAlamatValid() {
30     return alamat.length() >= 10;
31 }
32
33 public void validateData() {
34     if (!isFullNameValid()) {
35         JOptionPane.showMessageDialog(null, "Field fullname tidak boleh kosong", "Error", JOptionPane.ERROR_MESSAGE);
36     } else if (!isUsiaValid()) {
37         JOptionPane.showMessageDialog(null, "Isian usia harus angka", "Error", JOptionPane.ERROR_MESSAGE);
38     } else if (!isAlamatValid()) {
39         JOptionPane.showMessageDialog(null, "Masukan alamat minimum 10 karakter", "Warning", JOptionPane.WARNING_MESSAGE);
40     } else {
41         JOptionPane.showMessageDialog(null, "Data diri valid:\nFullname: " + fullname + "\nUsia: " + usia + "\nAlamat: "
42         + alamat);
43     }
44 }
45
```

Input

Masukkan fullname:

Siti Rohmah

OK Cancel

Input

Masukkan usia:

20

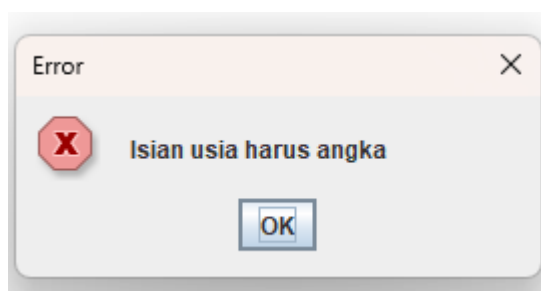
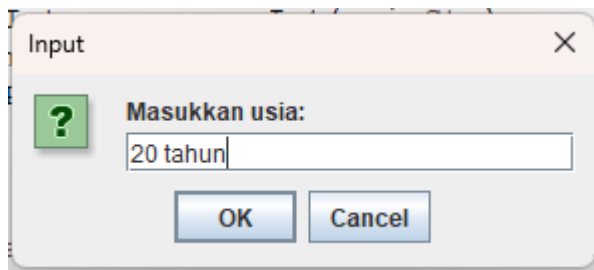
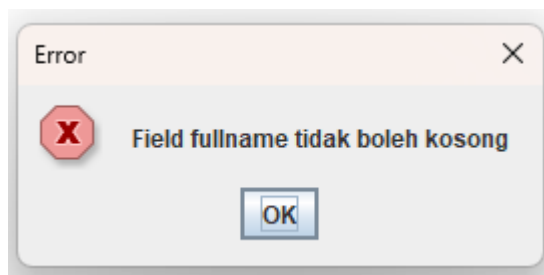
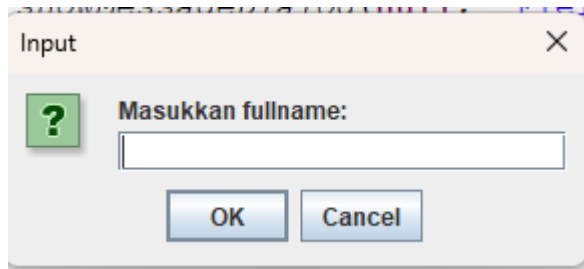
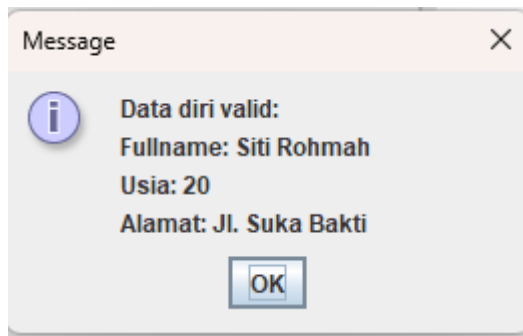
OK Cancel

Input

Masukkan alamat:

Jl. Suka Bakti

OK Cancel



Input

Masukkan alamat:

123654987

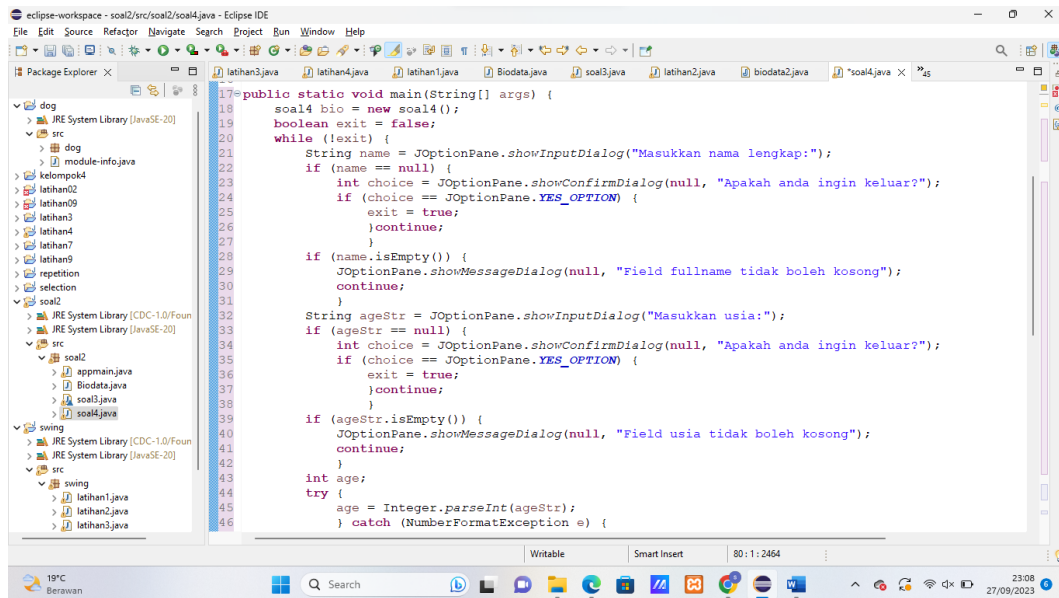
OK Cancel

Warning

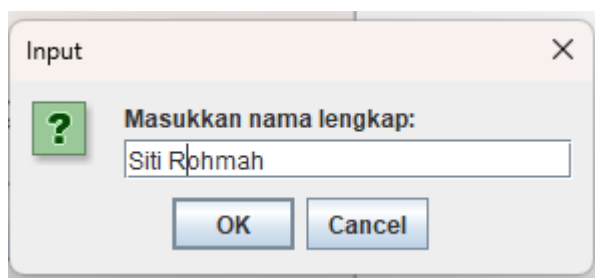
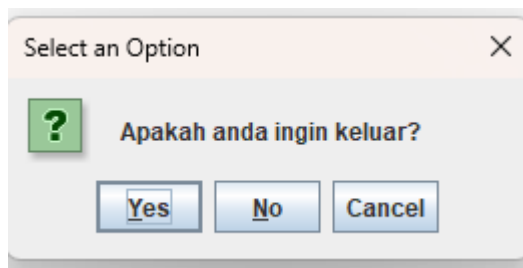
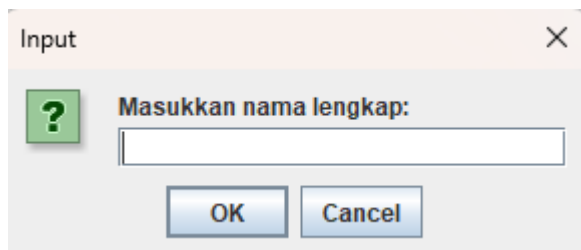
Masukan alamat minimum 10 karakter

OK

## Latihan 04



```
17 public static void main(String[] args) {
18     soal4 bio = new soal4();
19     boolean exit = false;
20     while (!exit) {
21         String name = JOptionPane.showInputDialog("Masukkan nama lengkap:");
22         if (name == null) {
23             int choice = JOptionPane.showConfirmDialog(null, "Apakah anda ingin keluar?");
24             if (choice == JOptionPane.YES_OPTION) {
25                 exit = true;
26             } continue;
27         }
28         if (name.isEmpty()) {
29             JOptionPane.showMessageDialog(null, "Field fullname tidak boleh kosong");
30             continue;
31         }
32         String ageStr = JOptionPane.showInputDialog("Masukkan usia:");
33         if (ageStr == null) {
34             int choice = JOptionPane.showConfirmDialog(null, "Apakah anda ingin keluar?");
35             if (choice == JOptionPane.YES_OPTION) {
36                 exit = true;
37             } continue;
38         }
39         if (ageStr.isEmpty()) {
40             JOptionPane.showMessageDialog(null, "Field usia tidak boleh kosong");
41             continue;
42         }
43         int age;
44         try {
45             age = Integer.parseInt(ageStr);
46         } catch (NumberFormatException e) {
```



## Latihan 05

