

**Tugas Teori**  
**Pemrograman Berorientasi Objek**  
(Dosen pengampu : *Siti Maesyaroh, S.Kom., M.Kom.*)

**Tugas Interface**



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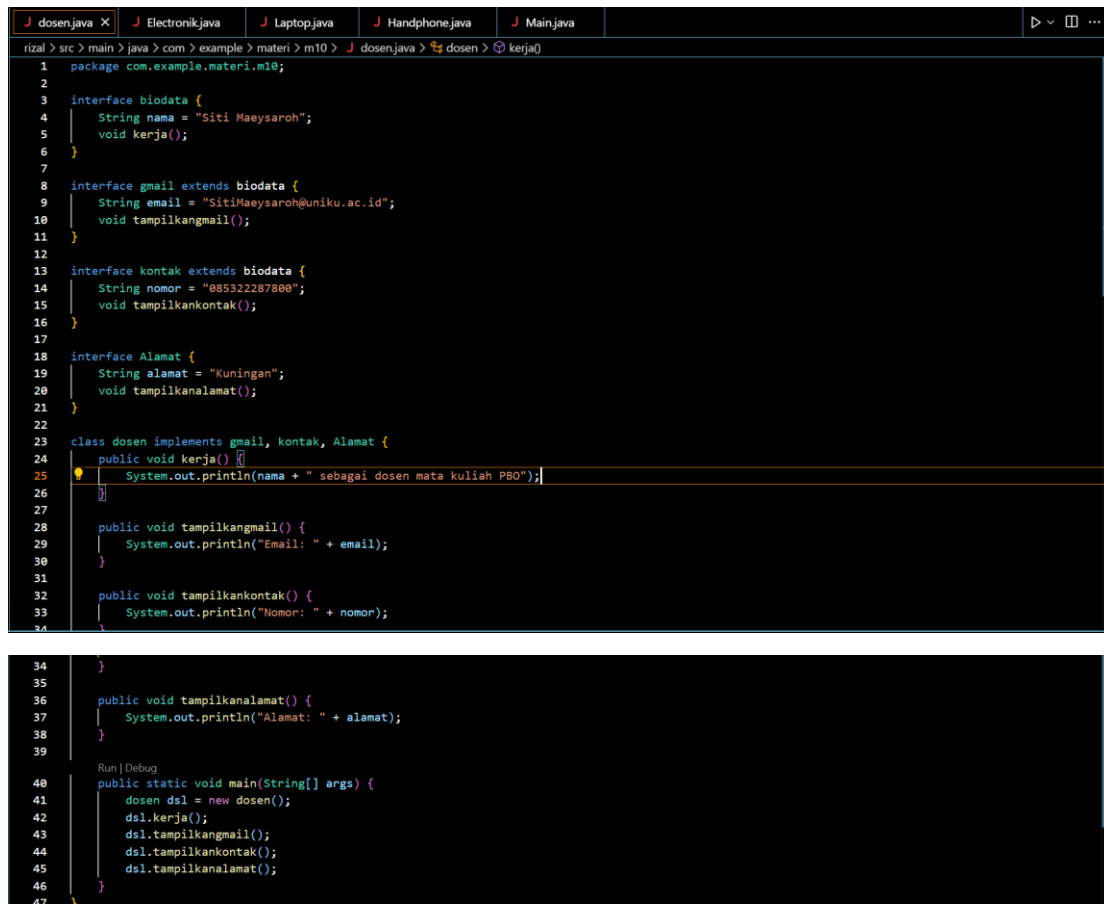
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Kelas : TINFC – 2023 – 04

**Teknik Informatika**  
**Fakultas Ilmu Komputer**  
**Universitas Kuningan**

## Tugas Interface

### 1. Modifikasi program Dosen dengan menambahkan interface dengan 1 atribut dan 1 method !



```
1 package com.example.materi.m10;
2
3 interface biodata {
4     String nama = "Siti Maesyarah";
5     void kerja();
6 }
7
8 interface gmail extends biodata {
9     String email = "SitiMaesyarah@uniku.ac.id";
10    void tampilkangmail();
11 }
12
13 interface kontak extends biodata {
14     String nomor = "085322287800";
15    void tampilkankontak();
16 }
17
18 interface Alamat {
19     String alamat = "Kuningan";
20    void tampilkanalamat();
21 }
22
23 class dosen implements gmail, kontak, Alamat {
24     public void kerja() {
25         System.out.println(nama + " sebagai dosen mata kuliah PBO");
26     }
27
28     public void tampilkangmail() {
29         System.out.println("Email: " + email);
30     }
31
32     public void tampilkankontak() {
33         System.out.println("Nomor: " + nomor);
34     }
35
36     public void tampilkanalamat() {
37         System.out.println("Alamat: " + alamat);
38     }
39
40     Run[Debug]
41     public static void main(String[] args) {
42         dosen dsl = new dosen();
43         dsl.kerja();
44         dsl.tampilkangmail();
45         dsl.tampilkankontak();
46         dsl.tampilkanalamat();
47     }
48 }
```

Script Code :

```
package com.example.materi.m10;
```

```
interface biodata {
    String nama = "Siti Maesyarah";
    void kerja();
}
```

```
interface gmail extends biodata {
    String email = "SitiMaesyarah@uniku.ac.id";
    void tampilkangmail();
}
```

```
interface kontak extends biodata {
    String nomor = "085322287800";
```

```

        void tampilkontak();
    }

    interface Alamat {
        String alamat = "Kuningan";
        void tampilalamat();
    }

    class dosen implements gmail, kontak, Alamat {
        public void kerja() {
            System.out.println(nama + " sebagai dosen mata kuliah PBO");
        }

        public void tampilkangmail() {
            System.out.println("Email: " + email);
        }

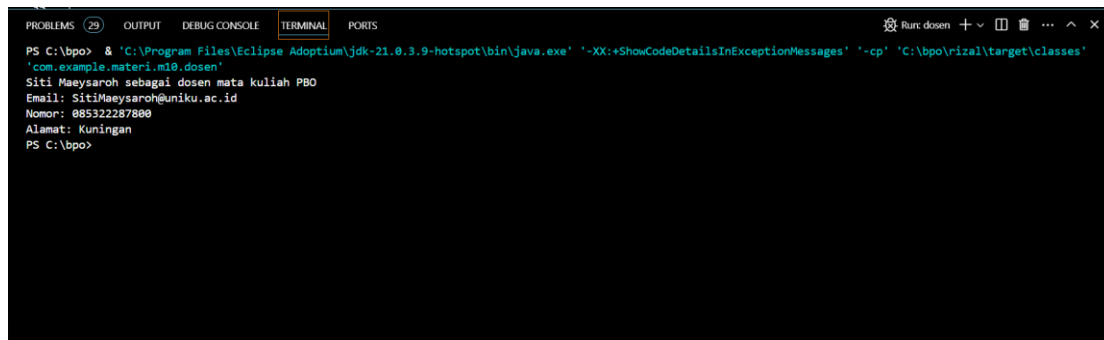
        public void tampilkontak() {
            System.out.println("Nomor: " + nomor);
        }

        public void tampilalamat() {
            System.out.println("Alamat: " + alamat);
        }

        public static void main(String[] args) {
            dosen dsl = new dosen();
            dsl.kerja();
            dsl.tampilkangmail();
            dsl.tampilkontak();
            dsl.tampilalamat();
        }
    }
}

```

**Hasil Run :**



The image shows a screenshot of the Eclipse IDE's integrated terminal. The terminal window has a dark background with a light blue title bar. The title bar contains the text "Run: dosen" followed by standard window control icons (minimize, maximize, close). Below the title bar, there are tabs for "PROBLEMS (29)", "OUTPUT", "DEBUG CONSOLE", "TERMINAL", and "PORTS". The "TERMINAL" tab is currently selected. The terminal content shows a Windows command prompt session. The prompt is "PS C:\bpo>". The command entered is: `& 'C:\Program Files\Eclipse Adoptium\jdk-21.0.3-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\bpo\rizal\target\classes' 'com.example.materi.m10.dosen'`. The output of the command is: `Siti Maesyaroh sebagai dosen mata kuliah PBO`, `Email: SitiMaesyaroh@uniku.ac.id`, `Nomor: 085322287800`, and `Alamat: Kuningan`. The prompt returns to "PS C:\bpo>".

```
PS C:\bpo> & 'C:\Program Files\Eclipse Adoptium\jdk-21.0.3-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\bpo\rizal\target\classes' 'com.example.materi.m10.dosen'
Siti Maesyaroh sebagai dosen mata kuliah PBO
Email: SitiMaesyaroh@uniku.ac.id
Nomor: 085322287800
Alamat: Kuningan
PS C:\bpo>
```