

# **Laporan Praktikum Algoritma**

## **Dan Struktur Data**



**Oleh:**

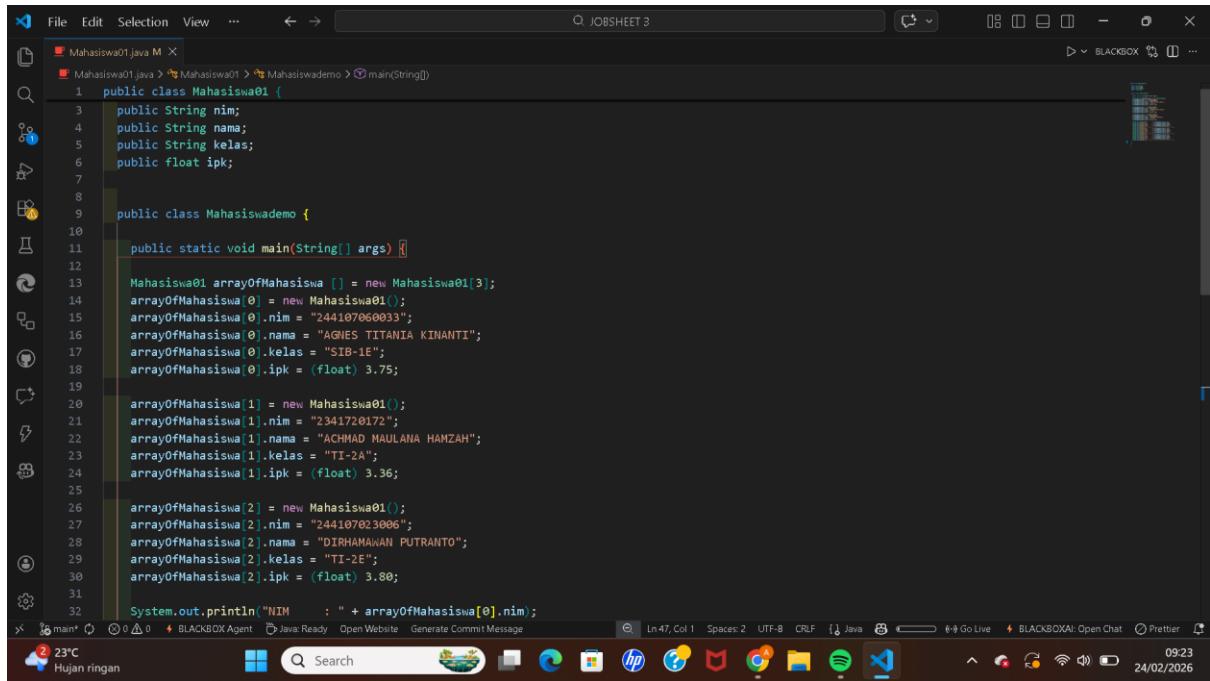
Adzriel Lazuardi Al-Ghozali

1E Sistem Informasi Bisnis/ 01

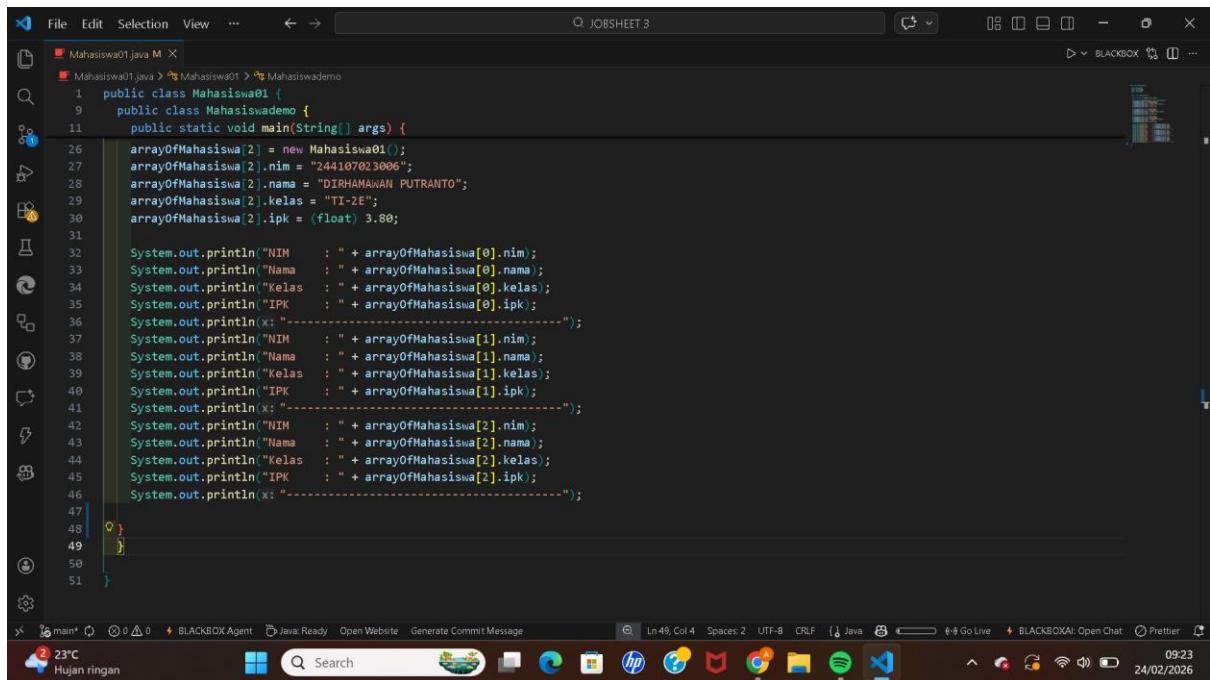
**SISTEM INFORMASI BISNIS  
POLITEKNIK NEGERI MALANG  
2025**

## JOSHEET 3

### Praktikum 3.2



```
File Edit Selection View ... ← → ⌂ JOBSITE 3
Mahasiswa01.java M X
Mahasiswa01.java > Mahasiswa01 > Mahasiswaademo > main(String[])
1 public class Mahasiswa01 {
2     public String nim;
3     public String nama;
4     public String kelas;
5     public float ipk;
6
7
8
9     public class Mahasiswaademo {
10
11         public static void main(String[] args) {
12
13             Mahasiswa01 arrayOfMahasiswa [] = new Mahasiswa01[3];
14             arrayOfMahasiswa[0] = new Mahasiswa01();
15             arrayOfMahasiswa[0].nim = "244107060033";
16             arrayOfMahasiswa[0].nama = "AGNES TITANIA KINANTI";
17             arrayOfMahasiswa[0].kelas = "S1B-1E";
18             arrayOfMahasiswa[0].ipk = (float) 3.75;
19
20             arrayOfMahasiswa[1] = new Mahasiswa01();
21             arrayOfMahasiswa[1].nim = "2341720172";
22             arrayOfMahasiswa[1].nama = "ACHMAD MAULANA HAMZAH";
23             arrayOfMahasiswa[1].kelas = "TI-2A";
24             arrayOfMahasiswa[1].ipk = (float) 3.36;
25
26             arrayOfMahasiswa[2] = new Mahasiswa01();
27             arrayOfMahasiswa[2].nim = "244107023006";
28             arrayOfMahasiswa[2].nama = "DIRHAMAWAN PUTRANTO";
29             arrayOfMahasiswa[2].kelas = "TI-2E";
30             arrayOfMahasiswa[2].ipk = (float) 3.80;
31
32         System.out.println("NIM : " + arrayOfMahasiswa[0].nim);
33
34         System.out.println("Nama : " + arrayOfMahasiswa[0].nama);
35         System.out.println("Kelas : " + arrayOfMahasiswa[0].kelas);
36         System.out.println("IPK : " + arrayOfMahasiswa[0].ipk);
37         System.out.println("x: -----");
38         System.out.println("NIM : " + arrayOfMahasiswa[1].nim);
39         System.out.println("Nama : " + arrayOfMahasiswa[1].nama);
40         System.out.println("Kelas : " + arrayOfMahasiswa[1].kelas);
41         System.out.println("IPK : " + arrayOfMahasiswa[1].ipk);
42         System.out.println("x: -----");
43         System.out.println("NIM : " + arrayOfMahasiswa[2].nim);
44         System.out.println("Nama : " + arrayOfMahasiswa[2].nama);
45         System.out.println("Kelas : " + arrayOfMahasiswa[2].kelas);
46         System.out.println("IPK : " + arrayOfMahasiswa[2].ipk);
47         System.out.println("x: -----");
48
49     }
50
51 }
```



```
File Edit Selection View ... ← → ⌂ JOBSITE 3
Mahasiswa01.java M X
Mahasiswa01.java > Mahasiswa01 > Mahasiswaademo > main(String[])
1 public class Mahasiswa01 {
2     public class Mahasiswaademo {
3
4         public static void main(String[] args) {
5
6             arrayOfMahasiswa[0] = new Mahasiswa01();
7             arrayOfMahasiswa[0].nim = "244107023006";
8             arrayOfMahasiswa[0].nama = "DIRHAMAWAN PUTRANTO";
9             arrayOfMahasiswa[0].kelas = "TI-2E";
10            arrayOfMahasiswa[0].ipk = (float) 3.80;
11
12            System.out.println("NIM : " + arrayOfMahasiswa[0].nim);
13            System.out.println("Nama : " + arrayOfMahasiswa[0].nama);
14            System.out.println("Kelas : " + arrayOfMahasiswa[0].kelas);
15            System.out.println("IPK : " + arrayOfMahasiswa[0].ipk);
16            System.out.println("x: -----");
17            System.out.println("NIM : " + arrayOfMahasiswa[1].nim);
18            System.out.println("Nama : " + arrayOfMahasiswa[1].nama);
19            System.out.println("Kelas : " + arrayOfMahasiswa[1].kelas);
20            System.out.println("IPK : " + arrayOfMahasiswa[1].ipk);
21            System.out.println("x: -----");
22            System.out.println("NIM : " + arrayOfMahasiswa[2].nim);
23            System.out.println("Nama : " + arrayOfMahasiswa[2].nama);
24            System.out.println("Kelas : " + arrayOfMahasiswa[2].kelas);
25            System.out.println("IPK : " + arrayOfMahasiswa[2].ipk);
26            System.out.println("x: -----");
27
28     }
29
30 }
```

## HASIL OUTPUT

```
File Edit Selection View ... < > O JOBSHEET 3
Mahasiswa01.java M ...
Mahasiswa01.java > Mahasiswa01 > Mahasiswa01demo
1 public class Mahasiswa01 {
2
3     public String nim;
4
5 }
PS D:\SEMESTER 2 (TUGAS)\ASD\JOBSHEET 3> 8 'C:\Program Files\Java\jdk-17\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:63089' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\HP\AppData\Roaming\Code\User\workspaceStorage\4db372d3ccaeacc510a80a72f18bf6e5\redhat\java\jdt_ws\JOBSHEET_3_7e5e8105\bin' 'Mahasiswa01$Mahasiswa01demo'
NIM : 244107060033
Nama : AGNES TITANIA KINANTI
Kelas : STB-IE
IPK : 3.75
-----
NIM : 2341720172
Nama : ACHMAD MAULANA HAMZAH
Kelas : TT-2A
TPK : 3.36
-----
NIM : 244107023006
Nama : DTRHAMMANI PUTRANTO
Kelas : TT-2E
TPK : 3.8
PS D:\SEMESTER 2 (TUGAS)\ASD\JOBSHEET 3>
```

## JAWABAN PERTANYAAN

1. Tidak, class yang akan dibuat array of object tidak harus selalu memiliki atribut dan sekaligus method.
2. Membuat array, melakukan instansiasi, mengisi nilai atribut pada setiap object
3. Jika tidak bisa, bisa buat secara manual Java akan otomatis menyediakan defaultnya
4. Kode tersebut di gunakan untuk mengakses semua elemen dalam array
5. Karena class mahasiswa sebagai model, dan class mahasiswa demo untuk menjalankan program main

## PRAKTIKUM 3.3

The screenshot shows a Java code editor with a dark theme. The main window title is "JOBSITE 3". In the top left, there are two tabs: "Mahasiswa01.java" and "Mahasiswa01.java 1". The code editor displays the following Java code:

```
1 import java.util.Scanner;
2
3 public class Mahasiswa001 {
4
5     public String nim;
6     public String nama;
7     public String kelas;
8     public float ipk;
9
10
11    public static void main(String[] args) {
12
13        Mahasiswa001 arrayOfMahasiswa [] = new Mahasiswa001[3];
14        String dummy;
15
16        Scanner sc = new Scanner(System.in);    Resource leak: 'sc' is never closed
17        for (int i = 0; i < 3; i++) {
18            arrayOfMahasiswa[i] = new Mahasiswa001();
19
20            System.out.println("Masukkan Data Mahasiswa ke-" + (i + 1));
21            System.out.print("NIM : ");
22            arrayOfMahasiswa[i].nim = sc.nextLine();
23            System.out.print("Nama : ");
24            arrayOfMahasiswa[i].nama = sc.nextLine();
25            System.out.print("Kelas : ");
26            arrayOfMahasiswa[i].kelas = sc.nextLine();
27            System.out.print("IPK : ");
28            dummy = sc.nextLine();
29            arrayOfMahasiswa[i].ipk = Float.parseFloat(dummy);
30            System.out.println("-----");
31        }
32
33        for (int i = 0; i < 3; i++) {
34            System.out.println("Data Mahasiswa ke-" + (i + 1));
35            System.out.println("NIM : " + arrayOfMahasiswa[i].nim);
36            System.out.println("Nama : " + arrayOfMahasiswa[i].nama);
37            System.out.println("Kelas : " + arrayOfMahasiswa[i].kelas);
38            System.out.println("IPK : " + arrayOfMahasiswa[i].ipk);
39            System.out.println("-----");
40        }
41    }
42
43 }
```

A red box highlights the line "Resource leak: 'sc' is never closed" in the code. The status bar at the bottom shows "Ln 41, Col 5" and "09:44".

This screenshot shows the same Java code editor after the code has been modified. The code now includes a final statement to close the scanner:

```
1 import java.util.Scanner;
2
3 public class Mahasiswa001 {
4
5     public String nim;
6     public String nama;
7     public String kelas;
8     public float ipk;
9
10
11    public static void main(String[] args) {
12
13        Mahasiswa001 arrayOfMahasiswa [] = new Mahasiswa001[3];
14        String dummy;
15
16        Scanner sc = new Scanner(System.in);
17        for (int i = 0; i < 3; i++) {
18            arrayOfMahasiswa[i] = new Mahasiswa001();
19
20            System.out.println("Masukkan Data Mahasiswa ke-" + (i + 1));
21            System.out.print("NIM : ");
22            arrayOfMahasiswa[i].nim = sc.nextLine();
23            System.out.print("Nama : ");
24            arrayOfMahasiswa[i].nama = sc.nextLine();
25            System.out.print("Kelas : ");
26            arrayOfMahasiswa[i].kelas = sc.nextLine();
27            System.out.print("IPK : ");
28            dummy = sc.nextLine();
29            arrayOfMahasiswa[i].ipk = Float.parseFloat(dummy);
30            System.out.println("-----");
31        }
32
33        for (int i = 0; i < 3; i++) {
34            System.out.println("Data Mahasiswa ke-" + (i + 1));
35            System.out.println("NIM : " + arrayOfMahasiswa[i].nim);
36            System.out.println("Nama : " + arrayOfMahasiswa[i].nama);
37            System.out.println("Kelas : " + arrayOfMahasiswa[i].kelas);
38            System.out.println("IPK : " + arrayOfMahasiswa[i].ipk);
39            System.out.println("-----");
40        }
41    }
42
43 }
```

The red box from the previous screenshot is no longer present. The status bar at the bottom shows "Ln 41, Col 5" and "09:44".

## HASIL OUTPUT

The screenshot shows a Java application running in a terminal window. The application prompts the user to input data for three students. Each student's data is displayed as a block of text with fields: NIM, Nama, Kelas, and IPK.

```
Mahasiswa01.java M Mahasiswa01.java 1.U
Mahasiswa01.java > Mahasiswa01 > main(String[])
  ^ nubic place Mahasiswa001 /
```

MASUKKAN Data Mahasiswa ke-1  
NIM : 2541070600  
Nama : adi  
Kelas : S1B ID  
IPK : 3.6

MASUKKAN Data Mahasiswa ke-2  
NIM : 254706050  
Nama : sabi  
Kelas : S1B IF  
IPK : 3.4

MASUKKAN Data Mahasiswa ke-3  
NIM : dodo  
Nama : dodo  
Kelas : S1B 1G  
IPK : 3.65

Data Mahasiswa ke-1  
NIM : 2541070600  
Nama : adi  
Kelas : S1B ID  
IPK : 3.6

Data Mahasiswa ke-2  
NIM : 254706050  
Nama : sabi  
Kelas : S1B IF  
IPK : 3.4

Data Mahasiswa ke-3  
NIM : dodo  
Nama : dodo  
Kelas : S1B 1G  
IPK : 3.65

## JAWABAN PERTANYAAN

- 1.Sudah
  2. Karena setiap elemen array belum diinstansiasi

PRAKTIKUM 3.4

```
File Edit Selection View ... ← → Q: JOBSITE 3
Mahasiswa01.java Mahasiswa001.java Matkul01.java Matkuldemo01.java, U ×
Matkuldemo01.java > Matkuldemo01 > main(String[])
1 import java.util.Scanner;
2
3 public class Matkuldemo01 {
4     Run | Debug
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in); Resource leak: 'sc' is never closed
7         Matkul01[] arrayOfMatakuliah = new Matkul01[3];
8         String kode, nama, dummy;
9         int sks, jumlahJam;
10
11        for (int i = 0; i < 3; i++) {
12            System.out.println("Masukkan Data Matakuliah ke-" + (i + 1));
13            System.out.print(s: "Kode : ");
14            kode = sc.nextLine();
15            System.out.print(s: "Nama : ");
16            nama = sc.nextLine();
17            System.out.print(s: "Sks : ");
18            dummy = sc.nextLine();
19            sks = Integer.parseInt(dummy);
20            System.out.print(s: "Jumlah Jam : ");
21            dummy = sc.nextLine();
22            jumlahJam = Integer.parseInt(dummy);
23            System.out.println(x: "-----");
24
25            arrayOfMatakuliah[i] = new Matkul01(kode, nama, sks, jumlahJam);
26        }
27
28        for (int i = 0; i < 3; i++) {
29            System.out.println("Data Matakuliah ke-" + (i + 1));
30            System.out.println("Kode : " + arrayOfMatakuliah[i].kode);
31            System.out.println("Nama : " + arrayOfMatakuliah[i].nama);
32        }
33    }
34 }
35
36
37
```

Ln 32, Col 75 Spaces: 2 UTF-8 CRLF Java Go Live BLACKBOX Open Chat Prettier 1001 24/02/2026

```
File Edit Selection View ... ← → Q: JOBSITE 3
Mahasiswa01.java Mahasiswa001.java Matkul01.java Matkuldemo01.java, U ×
Matkuldemo01.java > Matkuldemo01 > main(String[])
1 import java.util.Scanner;
2
3 public class Matkuldemo01 {
4     Run | Debug
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in); Resource leak: 'sc' is never closed
7         Matkul01[] arrayOfMatakuliah = new Matkul01[3];
8         String kode, nama, dummy;
9         int sks, jumlahJam;
10
11        for (int i = 0; i < 3; i++) {
12            System.out.println("Masukkan Data Matakuliah ke-" + (i + 1));
13            System.out.print(s: "Kode : ");
14            kode = sc.nextLine();
15            System.out.print(s: "Nama : ");
16            nama = sc.nextLine();
17            System.out.print(s: "Sks : ");
18            dummy = sc.nextLine();
19            sks = Integer.parseInt(dummy);
20            System.out.print(s: "Jumlah Jam : ");
21            dummy = sc.nextLine();
22            jumlahJam = Integer.parseInt(dummy);
23            System.out.println(x: "-----");
24
25            arrayOfMatakuliah[i] = new Matkul01(kode, nama, sks, jumlahJam);
26        }
27
28        for (int i = 0; i < 3; i++) {
29            System.out.println("Data Matakuliah ke-" + (i + 1));
30            System.out.println("Kode : " + arrayOfMatakuliah[i].kode);
31            System.out.println("Nama : " + arrayOfMatakuliah[i].nama);
32            System.out.println("Sks : " + arrayOfMatakuliah[i].sks);
33            System.out.println("Jumlah Jam : " + arrayOfMatakuliah[i].jumlahJam);
34        }
35
36
37
```

Ln 32, Col 75 Spaces: 2 UTF-8 CRLF Java Go Live BLACKBOX Open Chat Prettier 1002 24/02/2026

## HASIL OUTPUT

The screenshot shows a Java development environment with multiple tabs open. The terminal tab displays the following output:

```
Masukkan Data Matakuliah ke-1
Kode : mk9
Nama : asd
skls : 3
Jumlah Jam : 3
-----
Masukkan Data Matakuliah ke-2
Kode : mk2
Nama : basis data
skls : 3
Jumlah Jam : 3
-----
Masukkan Data Matakuliah ke-3
Kode : s0
Nama : s0
skls : 3
Jumlah Jam : 6
-----
Data Matakuliah ke-1
Kode : mk9
Nama : asd
skls : 3
Jumlah Jam : 3
-----
Data Matakuliah ke-2
Kode : mk2
Nama : basis data
skls : 3
Jumlah Jam : 3
-----
Data Matakuliah ke-3
Kode : s0
Nama : s0
skls : 3
Jumlah Jam : 6
```

The terminal window title is "JOBSITE 3". The status bar at the bottom shows "Ln 32, Col 75" and "1001 24/02/2026".

## JAWABAN PERTANYAAN

1.sudah

The screenshot shows a Java code editor with the following class definition:

```
class Matakuliah {
    String kode;
    Matakuliah() { }
    Matakuliah(String kode) {
        this.kode = kode;
    }
}
```

The code editor title is "Matakuliah". The status bar at the bottom shows "Ln 32, Col 75" and "1001 24/02/2026".

2.

The screenshot shows a Java code editor with the following method declaration:

```
void matakuliah(String kode, String nama, String sks, int jumlahjam) {
    this.kode = kode;
    this.nama = nama;
    this.sks = sks;
    this.jumlahjam = jumlahjam;
```

The code editor title is "matakuliah". The status bar at the bottom shows "Ln 32, Col 75" and "1001 24/02/2026".

3.sudah

4.sudah

## TUGAS 1

The screenshot shows a Java code editor with the following code:

```
File Edit Selection View ... ← → JOBSHEET 3 BLACKBOX
Mahasiswa01.java Mahasiswa01.java 1 Matkul01.java U Matkul01.java L U tugast.java U tugast1demo.java U
1 import java.util.Scanner;
2
3 class Dosen {
4     public String kode;
5     public String nama;
6     public boolean jenisKelamin;
7     public int usia;
8 }
9
10 public class tugas1demo {
11
12     Run | Debug
13     public static void main(String[] args) {
14
15         Scanner sc = new Scanner(System.in);
16         Dosen arrayDosen[] = new Dosen[3];
17
18         for (int i = 0; i < 3; i++) {
19             arrayDosen[i] = new Dosen();
20
21             System.out.println("Masukkan Data Dosen ke- " + (i + 1));
22             System.out.print("Kode : ");
23             arrayDosen[i].kode = sc.nextLine();
24
25             System.out.print("Nama : ");
26             arrayDosen[i].nama = sc.nextLine();
27
28             System.out.print("Jenis Kelamin : ");
29
30             arrayDosen[i].jenisKelamin = sc.nextLine().equalsIgnoreCase("Pria");
31
32         }
33     }
34 }
```

The screenshot shows a Java code editor with the following code:

```
File Edit Selection View ... ← → Q JOBSHEET 3 tugas1demo.java Mahasiswa01.java Mahasiswa001.java 1 Matkul01.java U Matkul01.java L U tugas1.java U tugas1demo.java U BLACKBOX
```

```
10 public class tugas1demo {
11     public static void main(String[] args) {
12
13         arrayDosen[i].jenisKelamin = sc.nextLine().equalsIgnoreCase("Pria");
14
15         System.out.print(s: "Usia : ");
16         arrayDosen[i].usia = Integer.parseInt(sc.nextLine());
17
18         System.out.println(x: "-----");
19
20         for (int i = 0; i < 3; i++) {
21             System.out.println("Data Dosen ke-" + (i + 1));
22             System.out.println("Kode : " + arrayDosen[i].kode);
23             System.out.println("Nama : " + arrayDosen[i].nama);
24
25             if (arrayDosen[i].jenisKelamin == true) {
26                 System.out.println("Jenis Kelamin : " +
27                     (arrayDosen[i].jenisKelamin ? "Pria" : "Wanita"));
28
29                 System.out.println("Usia : " + arrayDosen[i].usia);
30                 System.out.println(x: "-----");
31             }
32         }
33
34         sc.close();
35     }
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56 }
```

## HASIL OUTPUT

The screenshot shows a Java development environment with multiple tabs open. The terminal tab displays the following output:

```
Masukkan Data Dosen ke-1
Kode      : j99
Nama     : nahu
Jenis Kelamin : pria
Usia      : 45
-----
Masukkan Data Dosen ke-2
Kode      : g55
Nama     : maki
Jenis Kelamin : wanita
Usia      : 54
-----
Masukkan Data Dosen ke-3
Kode      : d32
Nama     : koko
Jenis Kelamin : Pria
Usia      : 45
-----
Data Dosen ke-1
Kode      : j99
Nama     : nahu
Jenis Kelamin : pria
Usia      : 45
-----
Data Dosen ke-2
Kode      : g55
Nama     : maki
Jenis Kelamin : wanita
Usia      : 54
-----
Data Dosen ke-3
Kode      : d32
Nama     : koko
Jenis Kelamin : Pria
Usia      : 36
```

## TUGAS 2

The screenshot shows a Java development environment with multiple tabs open. The code editor tab displays the following Java code:

```
1 import java.util.Scanner;
2
3 public class tugas2 {
4
5     public String kode;
6     public String nama;
7     public boolean jenisKelamin;
8     public int usia;
9
10
11     public static void dataSemuaDosen(Dosen[] arrayOfDosen) {
12         for (int i = 0; i < arrayOfDosen.length; i++) {
13             System.out.println("Data Dosen ke-" + (i + 1));
14             System.out.println("Kode      : " + arrayOfDosen[i].kode);
15             System.out.println("Nama     : " + arrayOfDosen[i].nama);
16             System.out.println("Jenis Kelamin : " +
17                 (arrayOfDosen[i].jenisKelamin ? "Pria" : "Manita"));
18             System.out.println("Usia      : " + arrayOfDosen[i].usia);
19             System.out.println("x: -----");
20     }
21
22
23     public static void jumlahDosenPerJenisKelamin(Dosen[] arrayOfDosen) {
24         int pria = 0, wanita = 0;
25
26         for (Dosen d : arrayOfDosen) {
27             if (d.jenisKelamin) {
28                 pria++;
29             } else {
30                 wanita++;
31             }
32         }
33     }
34 }
```

The screenshot shows a Java code editor with the following code:

```
File Edit Selection View ... < > JOBSITE 3
Mahasiswa01.java Mahasiswa01.java I Matkul01.java U Matkul01.java t U tugas2.java U tugas2demo.java U
tugas2.java > tugas2 > main(String[])
3 public class tugas2 {
4
5     public static void infoDosenPalingTua(Dosen[] arrayOfDosen) {
6         Dosen tertua = arrayOfDosen[0];
7
8         for (Dosen d : arrayOfDosen) {
9             if (d.usia > tertua.usia) {
10                 tertua = d;
11             }
12         }
13
14         System.out.println("==> Dosen Paling Tua ==>");
15         System.out.println("Kode : " + tertua.kode);
16         System.out.println("Nama : " + tertua.nama);
17         System.out.println("Jenis Kelamin : " +
18             (tertua.jeniskelamin ? "Pria" : "Manita"));
19         System.out.println("Usia : " + tertua.usia);
20     }
21
22
23     public static void infoDosenPalingMuda(Dosen[] arrayOfDosen) {
24         Dosen termuda = arrayOfDosen[0];
25
26         for (Dosen d : arrayOfDosen) {
27             if (d.usia < termuda.usia) {
28                 termuda = d;
29             }
30         }
31
32         System.out.println("==> Dosen Paling Muda ==>");
33         System.out.println("Kode : " + termuda.kode);
34     }
35
36
37     main()
38
39
40
41
42
43
44
45
46
47
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49
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51
52
53
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90 }
```

The screenshot shows a Java code editor with several tabs open at the top. The main tab contains the following Java code:

```
File Edit Selection View ... ← → JOBSHEET 3
Mahasiswa01.java Mahasiswa001.java Matkul01.java U Matkuldemo01.java t.U tugas2.java U tugas1demo.java U

3 Public class tugas2 {
98     public static void main(String[] args) {
115         arrayDosen[i].jeniskelamin = sc.nextLine().equalsIgnoreCase(anotherString: "Pria");
116
117         System.out.print(s: "Usia      : ");
118         arrayDosen[i].usia = Integer.parseInt(sc.nextLine());
119
120         System.out.println(x: "-----");
121     }
122
123
124     System.out.println(x: "\n== DATA SEMUA DOSEN ==");
125     tugas2.dataSemuaDosen(arrayDosen);
126
127     System.out.println(x: "\n== JUMLAH DOSEN PER JENIS KELAMIN ==");
128     tugas2.jumlahDosenPerJenisKelamin(arrayDosen);
129
130     System.out.println(x: "\n== RERATA USIA PER JENIS KELAMIN ==");
131     tugas2.rerataUsiaDosenPerJenisKelamin(arrayDosen);
132
133     System.out.println(x: "\n== DOSEN PALING TUA ==");
134     tugas2.infoDosenPalingTua(arrayDosen);
135
136     System.out.println(x: "\n== DOSEN PALING MUDA ==");
137     tugas2.infoDosenPalingMuda(arrayDosen);
138
139     sc.close();
140 }
141
142
143 }
```

## Hasil output:

<https://github.com/adzriellag-rgb/SEMESTER-2--TUGAS-/tree/main/ASD/JOBSCHEET%201>