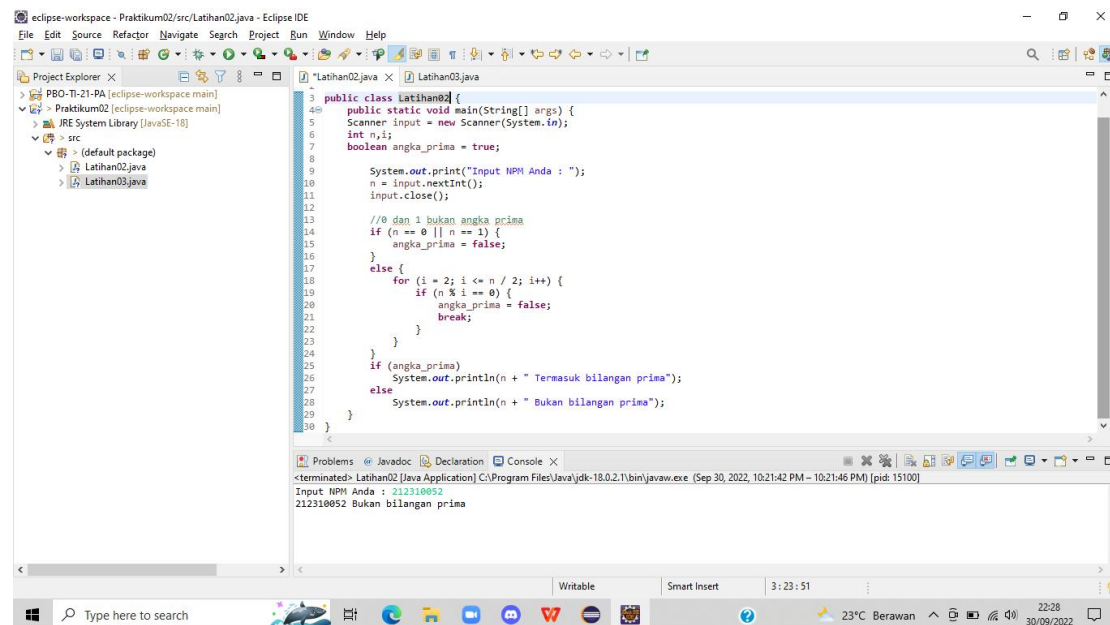


Nama : Matthew  
Kelas : TI-21-PA  
212310052

## Nomor 2

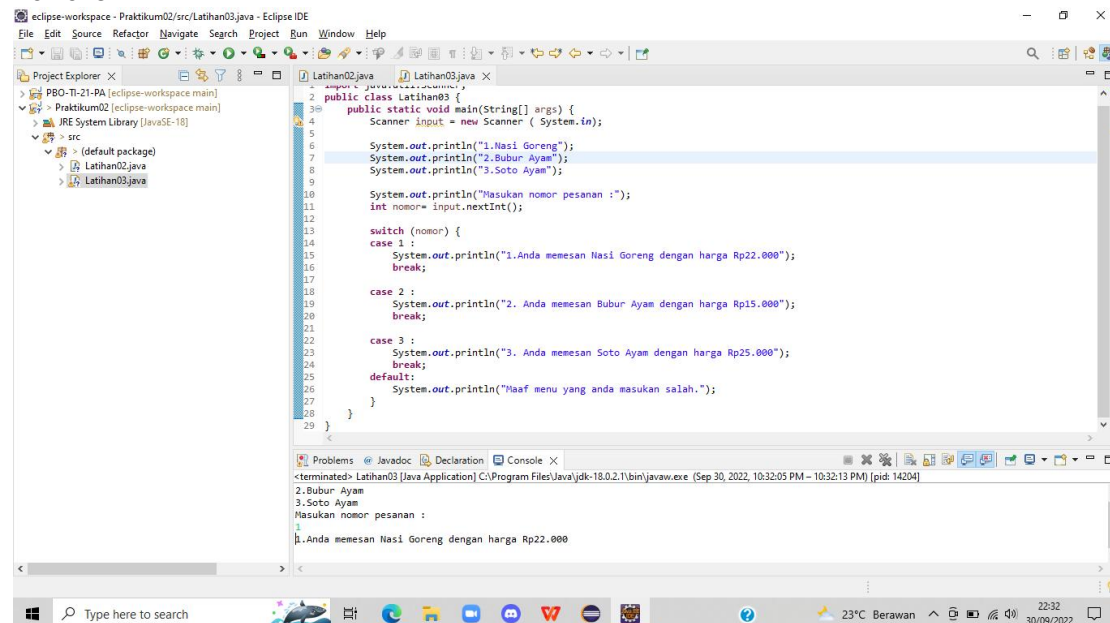


```
public class Latihan02 {  
    public static void main(String[] args) {  
        Scanner input = new Scanner(System.in);  
        int n;   
        boolean angka_prima = true;  
  
        System.out.print("Input NPM Anda : ");  
        n = input.nextInt();  
        input.close();  
  
        // dan 1 bukan angka prima  
        if (n == 0 || n == 1) {  
            angka_prima = false;  
        }  
        else {  
            for (i = 2; i <= n / 2; i++) {  
                if (n % i == 0) {  
                    angka_prima = false;  
                    break;  
                }  
            }  
        }  
        if (angka_prima)  
            System.out.println(n + " Termasuk bilangan prima");  
        else  
            System.out.println(n + " Bukan bilangan prima");  
    }  
}
```

Problems | Javadoc | Declaration | Console

<terminated> Latihan02 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Sep 30, 2022, 10:21:46 PM) [pid: 15100]  
Input NPM Anda : 212310052  
212310052 Bukan bilangan prima

## Nomor 3



```
public class Latihan03 {  
    public static void main(String[] args) {  
        Scanner input = new Scanner(System.in);  
  
        System.out.println("1.Nasi Goreng");  
        System.out.println("2.Bubur Ayam");  
        System.out.println("3.Soto Ayam");  
  
        System.out.println("Masukan nomor pesanan :");  
        int nomor = input.nextInt();  
  
        switch (nomor) {  
            case 1 :  
                System.out.println("1. Anda memesan Nasi Goreng dengan harga Rp22.000");  
                break;  
            case 2 :  
                System.out.println("2. Anda memesan Bubur Ayam dengan harga Rp15.000");  
                break;  
            case 3 :  
                System.out.println("3. Anda memesan Soto Ayam dengan harga Rp25.000");  
                break;  
            default:  
                System.out.println("Maaf menu yang anda masukan salah.");  
        }  
    }  
}
```

Problems | Javadoc | Declaration | Console

<terminated> Latihan03 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Sep 30, 2022, 10:32:05 PM) [pid: 14204]  
1.Nasi Goreng  
2.Bubur Ayam  
3.Soto Ayam  
Masukan nomor pesanan :  
1. Anda memesan Nasi Goreng dengan harga Rp22.000

The screenshot shows the Eclipse IDE with the following components:

- Project Explorer:** Shows the project structure with folders for 'PBO-TI-21-PK', 'Praktikum02', and 'src'. The 'src' folder contains the source files 'Lathan02.java', 'Lathan03.java', 'Lathan04.java', and 'Lathan05.java'.
- Editor:** Displays the code for 'Lathan04.java'. The code is as follows:
 

```

1 import java.util.Scanner;
2 public class Lathan04 {
3
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         System.out.println("Masukkan angka :");
7         int nilai = input.nextInt();
8         System.out.print("faktor "+nilai+" adalah ");
9         int tambah = 0;
10        for (int z = 0; z <= nilai; z++) {
11            tambah++;
12            if (nilai % tambah == 0) {
13                System.out.print(tambah + " ");
14            }
15        }
16    }
17 }
18
19
20 
```
- Console:** Shows the output of the program:
 

```

<terminated> Lathan04 [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (Sep 30, 2022, 10:37:53 PM – 10:37:56 PM [pid: 17108])
Masukkan angka :
52
faktor 52 adalah 1 2 4 13 26 52
      
```

## Nomor 6

```

1 import java.util.Scanner;
2
3 public class Lathian06 {
4     public static void main(String[] args) {
5         int pilih;
6         Scanner input = new Scanner(System.in);
7         Scanner input2 = new Scanner(System.in);
8         String jwb;
9
10        do {
11            System.out.println("Menu Sarapan:");
12            System.out.println("1. Nasi Goreng");
13            System.out.println("2. Bubur Ayam");
14            System.out.println("3. Soto Ayam");
15            System.out.println("Pilihan Anda = ");
16            pilih = input.nextInt();
17
18            if (pilih == 1) {
19                System.out.println("Anda memesan Nasi Goreng dengan harga Rp"
20                    + "22.000,-");
21            } else if (pilih == 2) {
22                System.out.println("Anda memesan Bubur Ayam dengan harga Rp"
23                    + "15.000,-");
24            } else if (pilih == 3) {
25                System.out.println("Anda memesan Soto Ayam dengan harga Rp"
26                    + "15.000,-");
27            } else {
28                System.out.println("Maaf menu yang anda masukkan salah.");
29            }
30            System.out.println("Apakah anda ingin memesan kembali? (Y/N)");
31        } while (true);
32    }
33 }

```

Problems: 0 errors, 4 warnings, 0 others

Description	Resource	Path	Location	Type
Resource leak: 'input' is never closed	Lathian06.java	/Praktikum02/src	line 4	Java Problem
Resource leak: 'input' is never closed	Lathian06.java	/Praktikum02/src	line 5	Java Problem
Resource leak: 'input' is never closed	Lathian06.java	/Praktikum02/src	line 6	Java Problem
Resource leak: 'input2' is never closed	Lathian06.java	/Praktikum02/src	line 7	Java Problem

## Nomor 7

```

1 import java.util.Scanner;
2
3 public class Lathian07 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         String jwb;
7
8         Resto restoObj = new Resto();
9
10        do {
11            restoObj.chooseMenu();
12            System.out.println("Apakah anda akan memesan kembali? (Y/N)");
13            jwb = input.nextLine();
14        } while (jwb.equals("Y"));
15    }
16 }

```

Problems: 0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
Resource leak: 'input_jwb' is never closed	Lathian07.java	/Praktikum02/src	line 8	Java Problem
Resource leak: 'input' is never closed	Lathian07.java	/Praktikum02/src	line 4	Java Problem
Resource leak: 'input' is never closed	Lathian07.java	/Praktikum02/src	line 5	Java Problem
Resource leak: 'input' is never closed	Lathian07.java	/Praktikum02/src	line 6	Java Problem

## Nomor 10

```

1 import java.util.Scanner;
2
3 public class Lathian10 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         String jwb;
7
8         Resto restoObj = new Resto();
9
10        do {
11            restoObj.chooseMenu();
12            System.out.println("Apakah anda akan memesan kembali? (Y/N)");
13            jwb = input.nextLine();
14        } while (jwb.equals("Y"));
15    }
16 }

```

Problems: 0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
Resource leak: 'input_jwb' is never closed	Lathian10.java	/Praktikum02/src	line 8	Java Problem
Resource leak: 'input' is never closed	Lathian10.java	/Praktikum02/src	line 4	Java Problem
Resource leak: 'input' is never closed	Lathian10.java	/Praktikum02/src	line 5	Java Problem
Resource leak: 'input' is never closed	Lathian10.java	/Praktikum02/src	line 6	Java Problem