

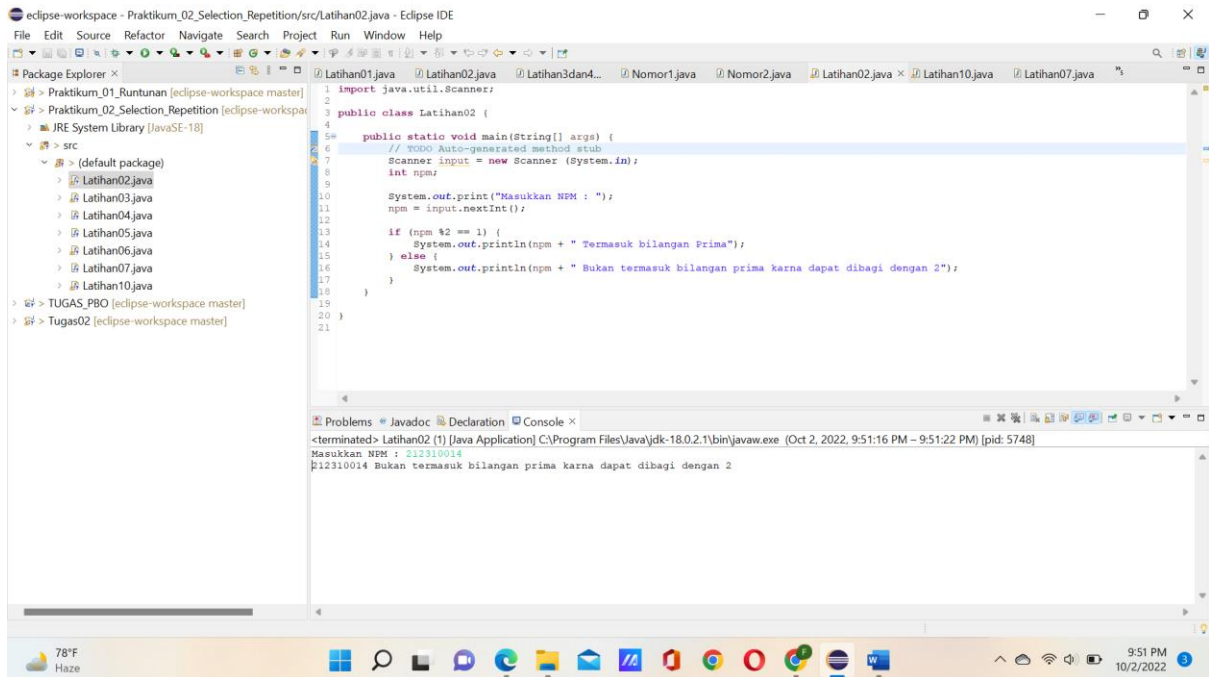
Nama : Frila Cahya Wardani

Kelas : TI – 21 – PA

NIM : 212310014

Praktikum 2 – Selection – Repetition

Nomor 2



```
1 import java.util.Scanner;
2
3 public class Latihan02 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner input = new Scanner(System.in);
8         int npm;
9
10        System.out.print("Masukkan NPM : ");
11        npm = input.nextInt();
12
13        if (npm % 2 == 1) {
14            System.out.println(npm + " Termasuk bilangan Prima");
15        } else {
16            System.out.println(npm + " Bukan termasuk bilangan prima karna dapat dibagi dengan 2");
17        }
18    }
19
20 }
21
```

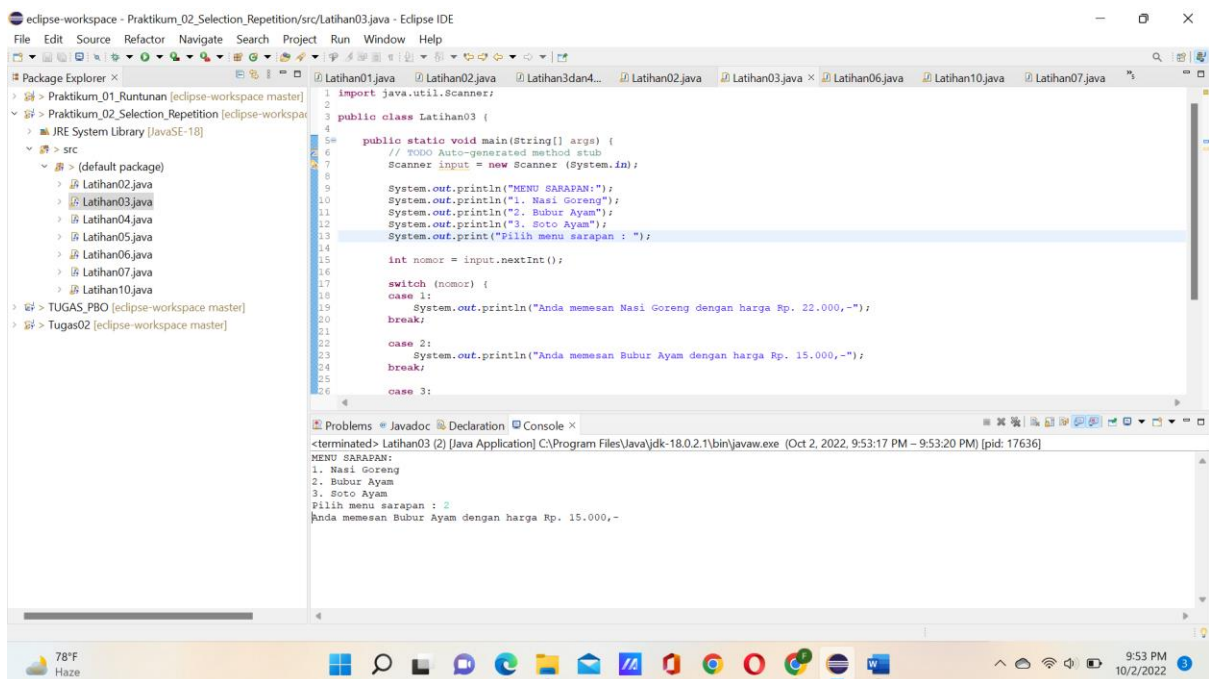
Problems Javadoc Declaration Console

<terminated> Latihan02 (1) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:51:16 PM – 9:51:22 PM) [pid: 5748]

Masukkan NPM : 212310014

212310014 Bukan termasuk bilangan prima karna dapat dibagi dengan 2

Nomor 3



```
1 import java.util.Scanner;
2
3 public class Latihan03 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner input = new Scanner(System.in);
8
9         System.out.println("MENU SARAPAN:");
10        System.out.println("1. Nasi Goreng");
11        System.out.println("2. Bubur Ayam");
12        System.out.println("3. Soto Ayam");
13        System.out.print("Pilih menu sarapan : ");
14
15        int nomor = input.nextInt();
16
17        switch (nomor) {
18            case 1:
19                System.out.println("Anda memesan Nasi Goreng dengan harga Rp. 22.000,-");
20                break;
21            case 2:
22                System.out.println("Anda memesan Bubur Ayam dengan harga Rp. 15.000,-");
23                break;
24            case 3:
25                break;
26        }
27    }
28 }
29
```

Problems Javadoc Declaration Console

<terminated> Latihan03 (2) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:53:17 PM – 9:53:20 PM) [pid: 17636]

MENU SARAPAN:

1. Nasi Goreng

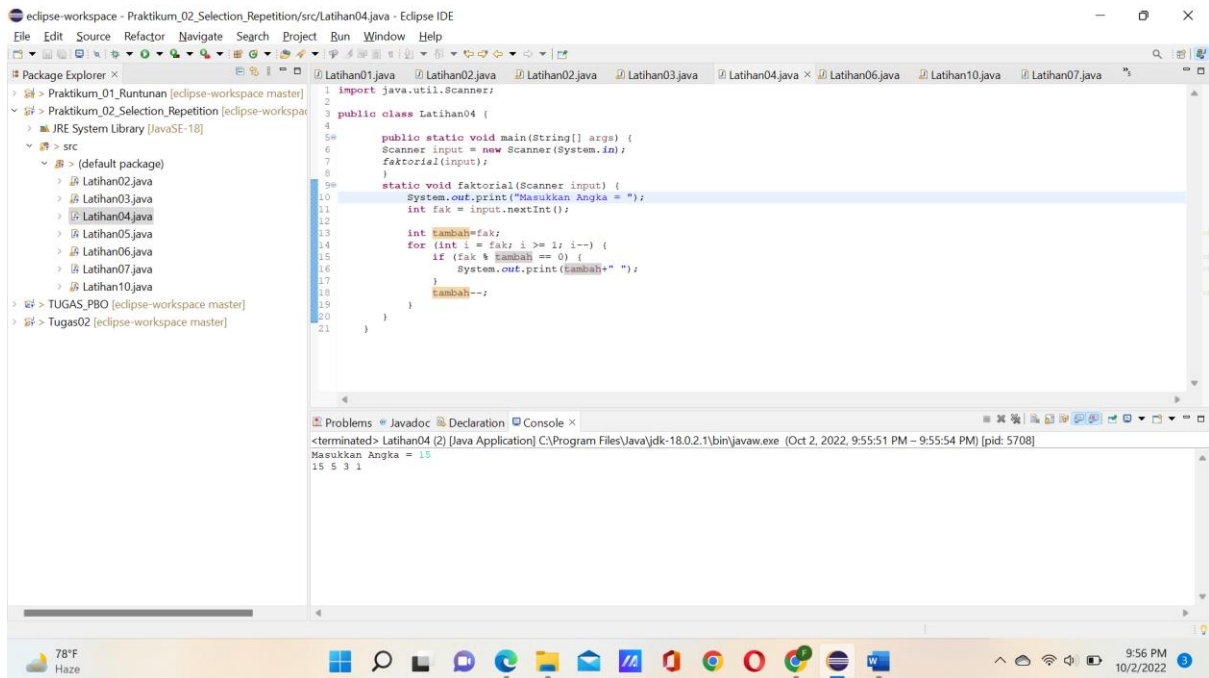
2. Bubur Ayam

3. Soto Ayam

Pilih menu sarapan : 2

Anda memesan Bubur Ayam dengan harga Rp. 15.000,-

Nomor 4



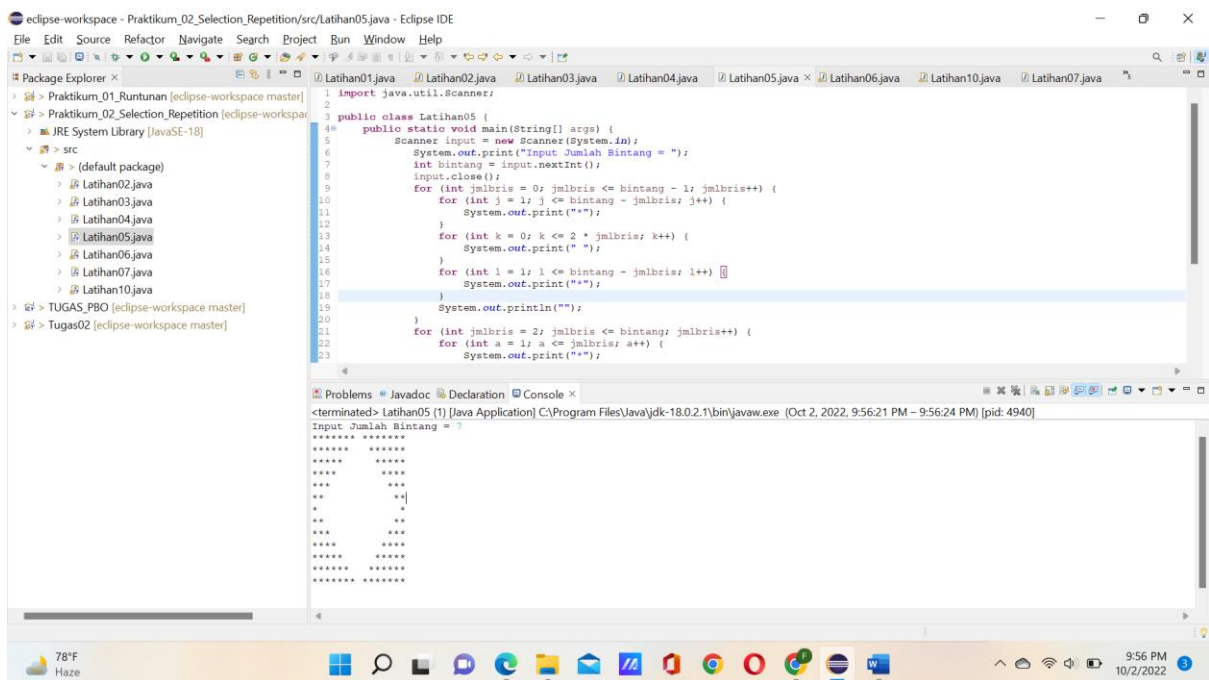
The screenshot shows the Eclipse IDE with the file `Latihan04.java` open. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class Latihan04 {
4
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         faktorial(input);
8     }
9
10    static void faktorial(Scanner input) {
11        System.out.print("Masukkan Angka = ");
12        int fak = input.nextInt();
13
14        int tambah=fak;
15        for (int i = fak; i >= 1; i--) {
16            if (fak % tambah == 0) {
17                System.out.print(tambah+" ");
18            }
19            tambah--;
20        }
21    }
```

The console output shows the program execution:

```
<terminated> Latihan04 (2) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:55:51 PM - 9:55:54 PM) [pid: 5708]
Masukkan Angka = 15
15 5 3 1
```

Nomor 5



The screenshot shows the Eclipse IDE with the file `Latihan05.java` open. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class Latihan05 {
4
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         System.out.print("Input Jumlah Bintang = ");
8         int bintang = input.nextInt();
9         input.close();
10        for (int jmlbris = 0; jmlbris <= bintang - 1; jmlbris++) {
11            for (int j = 1; j <= bintang - jmlbris; j++) {
12                System.out.print(" ");
13            }
14            for (int k = 0; k <= 2 * jmlbris; k++) {
15                System.out.print(" ");
16            }
17            for (int l = 1; l <= bintang - jmlbris; l++) {
18                System.out.print(" ");
19            }
20            System.out.println("");
21        }
22        for (int jmlbris = 2; jmlbris <= bintang; jmlbris++) {
23            for (int a = 1; a <= jmlbris; a++) {
24                System.out.print(" ");
25            }
26        }
27    }
```

The console output shows the program execution:

```
<terminated> Latihan05 (1) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:56:21 PM - 9:56:24 PM) [pid: 4940]
Input Jumlah Bintang = 7
*****
*****
****
***
**
*
*
*
*
*
*****
*****
```

Nomor 6

```
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.print("Pilih menu sarapan : ");
16     pilih = input.nextInt();
17
18     if (pilih == 1) {
19         System.out.println("Anda memesan Nasi Goreng dengan harga Rp.22.000,-");
20     } else if (pilih == 2) {
21         System.out.println("Anda memesan Bubur Ayam dengan harga Rp.15.000,-");
22     } else if (pilih == 3) {
23         System.out.println("Anda memesan Soto Ayam dengan harga Rp.25.000,-");
24     } else {
25         System.out.println("Maaf menu yang anda masukkan salah.");
26     }
27     System.out.print("\nApa ingin mengulang (Y/N) ? = ");
28     jwb = input2.nextLine();
29     while (jwb.equals("Y") || jwb.equals("y"));
30
31     System.out.println();
32     System.out.println("-----Terima Kasih-----");
33 }
```

terminated> Latihan06 (1) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:58:24 PM – 9:58:28 PM) [pid: 11868]

Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilih menu sarapan : 1
Anda memesan Nasi Goreng dengan harga Rp.22.000,-
Apa ingin mengulang (Y/N) ? = n
-----Terima Kasih-----

Nomor 7

```
7 Scanner input = new Scanner(System.in);
8 boolean isLanjut = true;
9 String pilihLanjut;
10 int pilihanMenu;
11
12 while(isLanjut) {
13     System.out.println("Menu Sarapan:");
14     System.out.println("1. Nasi Goreng \n2. Bubur Ayam \n3. Soto Ayam ");
15     System.out.print("Pilih menu sarapan : ");
16     pilihanMenu = input.nextInt();
17     getPrices(pilihanMenu);
18
19     System.out.print("\nApakah Anda ingin memesan lagi? [Y/N] : ");
20     pilihLanjut = input.next();
21
22     if(pilihLanjut.equalsIgnoreCase("Y")) {
23         continue;
24     } else if (pilihLanjut.equalsIgnoreCase("N")) {
25         System.out.println("Terima kasih telah memesan");
26         System.exit(0);
27     }
```

terminated> Latihan07 (1) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 10:45:55 PM – 10:46:08 PM) [pid: 12304]

Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilih menu sarapan : 1
Harga Nasi Goreng = Rp 22000
Apakah Anda ingin memesan lagi? [Y/N] : y
Menu Sarapan:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Pilih menu sarapan : 4
Pilihan tidak ada
Apakah Anda ingin memesan lagi? [Y/N] : n
Terima kasih telah memesan

Nomor 10

```
1 import java.util.Scanner;
2
3 public class Latihan10 {
4     public static void main(String[] args) {
5         int pin,saldo = 1000000000, setor, tarik;
6         String jwb = "";
7         Scanner input = new Scanner(System.in);
8         Scanner input_jwb = new Scanner(System.in);
9
10        do {
11            System.out.print("Masukkan PIN = ");
12            pin = input.nextInt();
13        } while (pin != 212310014);
14
15        do {
16            System.out.println("Masukkan Menu");
17            System.out.println("1. Lihat Saldo");
18            System.out.println("2. Setor Tunai");
19            System.out.println("3. Tarik Tunai");
20            System.out.println("4. Keluar");
21            System.out.print("Masukkan Pilihan = ");
22            int pil = input.nextInt();
23        }
```

Console Output:

```
<terminated> Latihan10 (1) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Oct 2, 2022, 9:59:13 PM - 9:59:25 PM) [pid: 15476]
Masukkan PIN = 212310014
Masukkan Menu
1. Lihat Saldo
2. Setor Tunai
3. Tarik Tunai
4. Keluar
Masukkan Pilihan = 1
1000000000
```