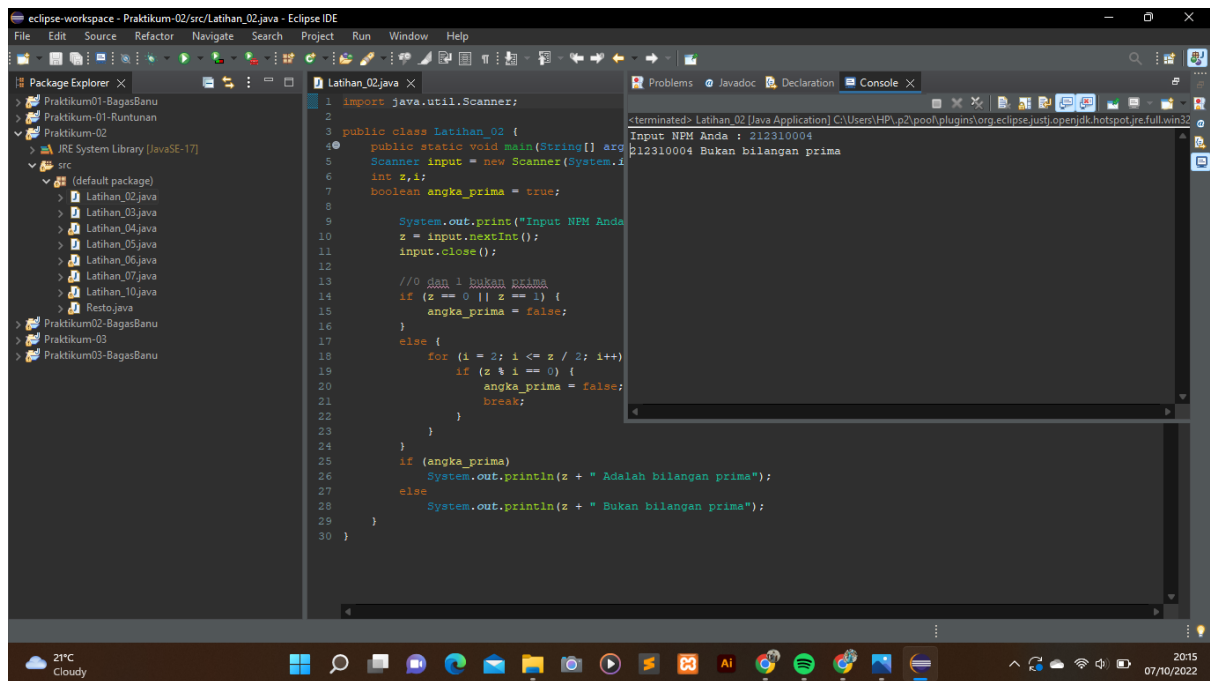


Nama: Muhamad Agus Setiawan

TI-21-PA1 212310004

Tugas 2 PBO

Latihan 02



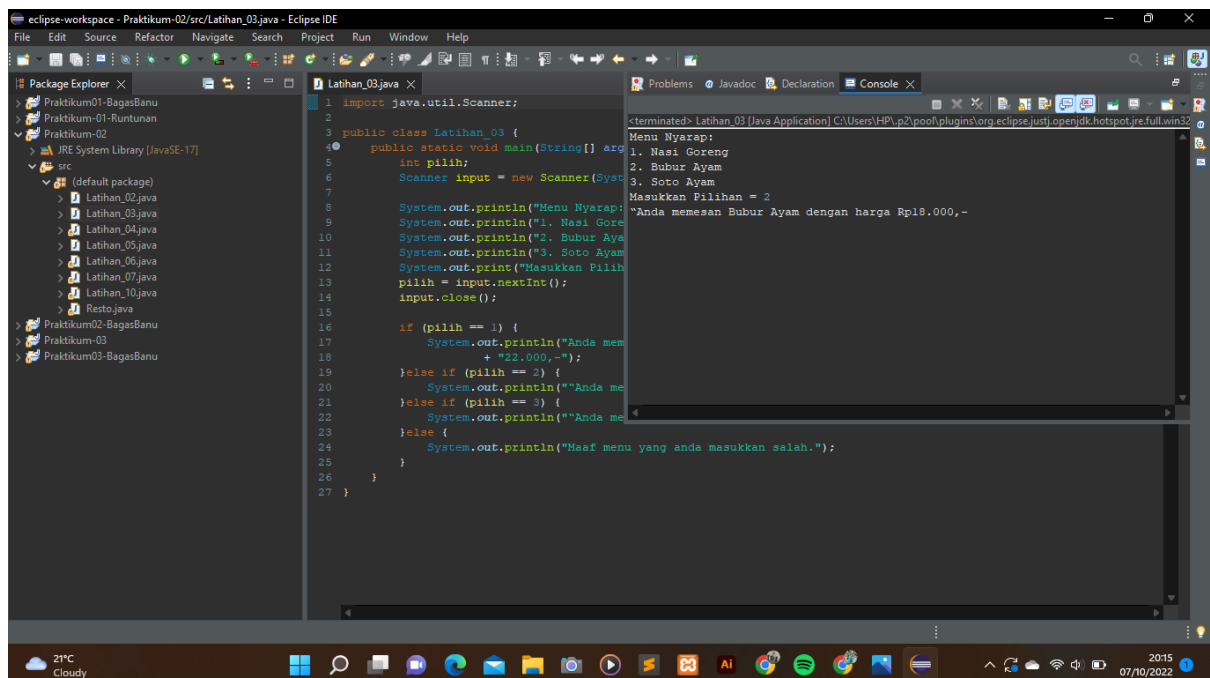
The screenshot shows the Eclipse IDE with the file `Latihan_02.java` open. The code is a Java program that checks if a number is prime. The console output shows the program running and displaying the result for the input 212310004.

```
1 import java.util.Scanner;
2
3 public class Latihan_02 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         int z,i;
7         boolean angka_prima = true;
8
9         System.out.print("Input NPM Anda ");
10        z = input.nextInt();
11        input.close();
12
13        //0 dan 1 bukan prima
14        if (z == 0 || z == 1) {
15            angka_prima = false;
16        }
17        else {
18            for (i = 2; i <= z / 2; i++)
19                if (z % i == 0) {
20                    angka_prima = false;
21                    break;
22                }
23        }
24        if (angka_prima)
25            System.out.println(z + " Adalah bilangan prima");
26        else
27            System.out.println(z + " Bukan bilangan prima");
28    }
29 }
30 }
```

Console Output:

```
<terminated> Latihan_02 [Java Application] C:\Users\HP\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.re.full.win32
Input NPM Anda : 212310004
212310004 Bukan bilangan prima
```

Latihan 03



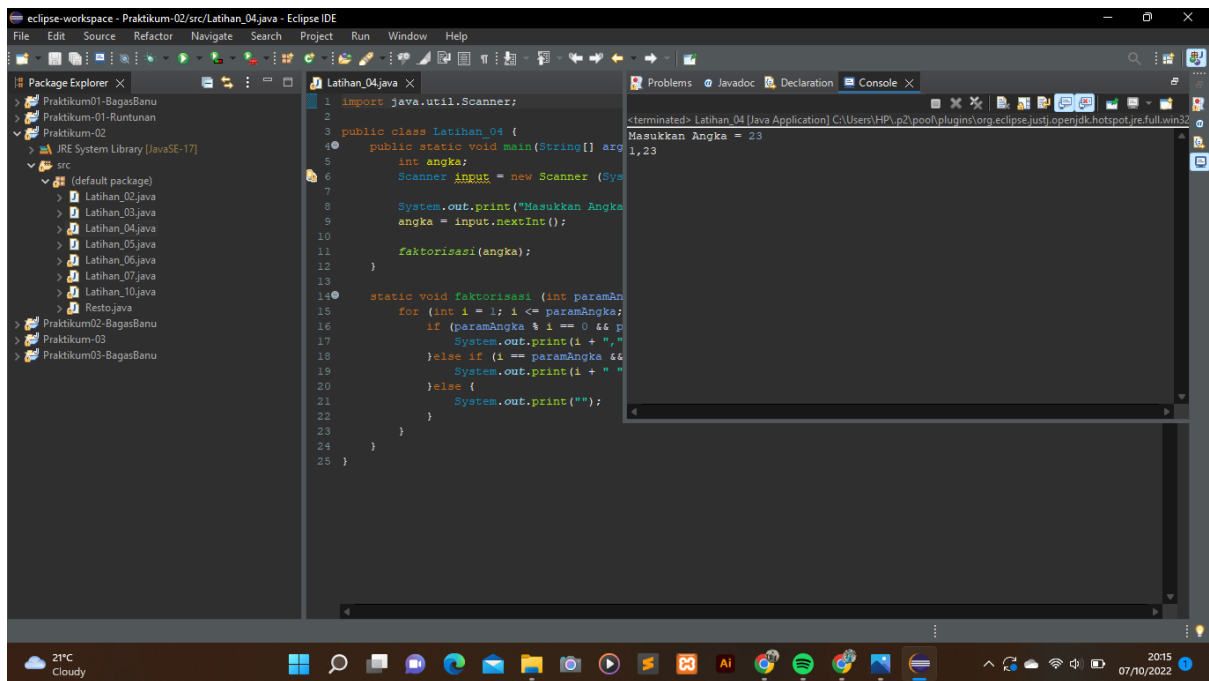
The screenshot shows the Eclipse IDE with the file `Latihan_03.java` open. The code is a Java program that displays a menu of food items and calculates the total price based on the user's selection. The console output shows the program running and displaying the menu and the calculated price for the selected items.

```
1 import java.util.Scanner;
2
3 public class Latihan_03 {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6
7         System.out.println("Menu Nyarap:");
8         System.out.println("1. Nasi Goreng");
9         System.out.println("2. Bubur Ayam");
10        System.out.println("3. Soto Ayam");
11        System.out.print("Masukkan Pilihan ");
12        pilih = input.nextInt();
13        input.close();
14
15        if (pilih == 1) {
16            System.out.println("Anda memesan Nasi Goreng dengan harga Rp12.000,-");
17        }
18        else if (pilih == 2) {
19            System.out.println("Anda memesan Bubur Ayam dengan harga Rp8.000,-");
20        }
21        else if (pilih == 3) {
22            System.out.println("Anda memesan Soto Ayam dengan harga Rp10.000,-");
23        }
24        else {
25            System.out.println("Maaf menu yang anda masukkan salah.");
26        }
27    }
28 }
```

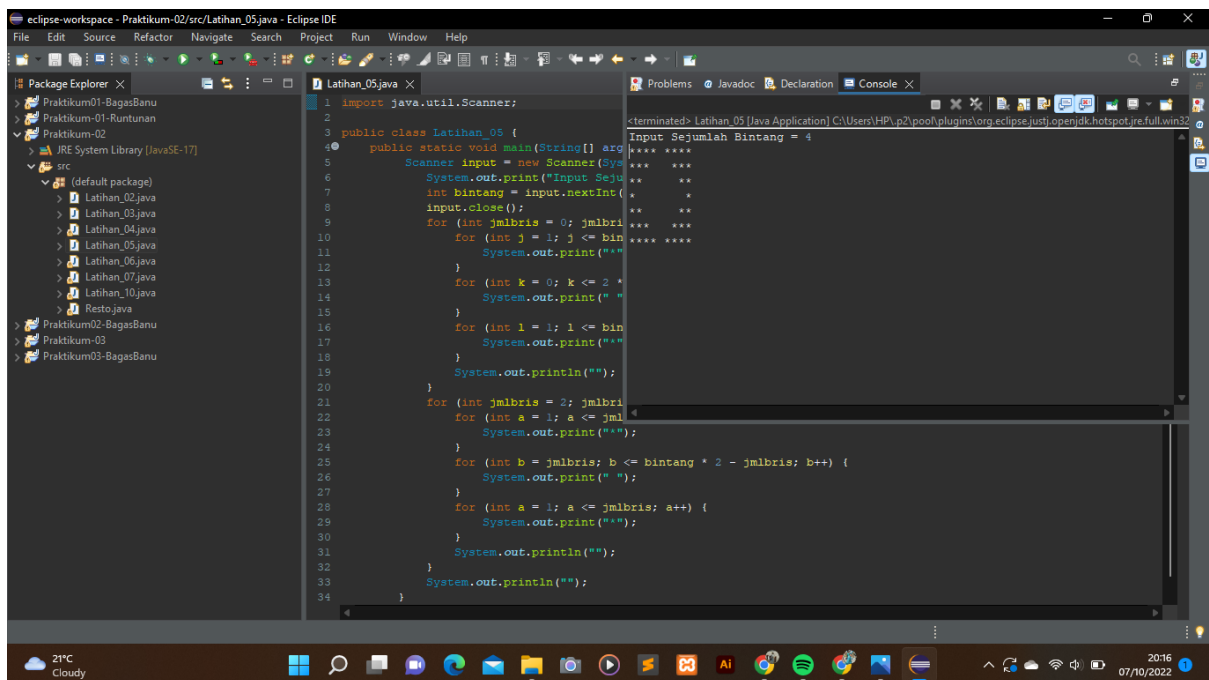
Console Output:

```
<terminated> Latihan_03 [Java Application] C:\Users\HP\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.re.full.win32
Menu Nyarap:
1. Nasi Goreng
2. Bubur Ayam
3. Soto Ayam
Masukkan Pilihan = 2
Anda memesan Bubur Ayam dengan harga Rp8.000,-
```

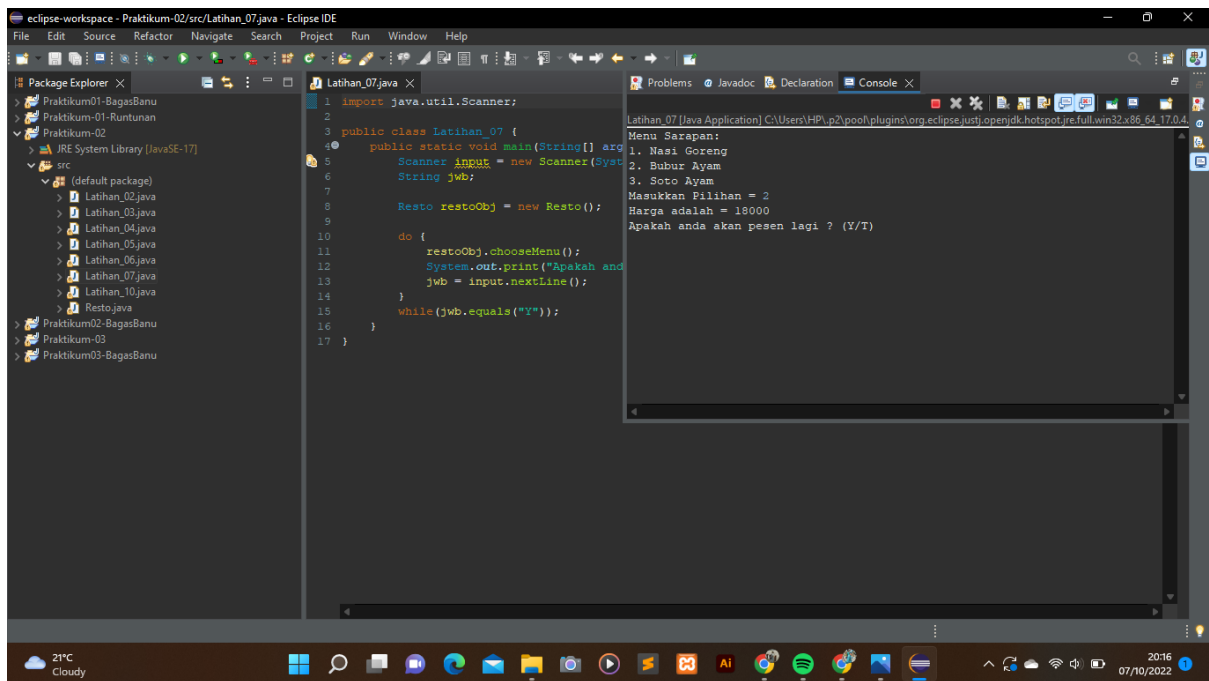
Latihan 04



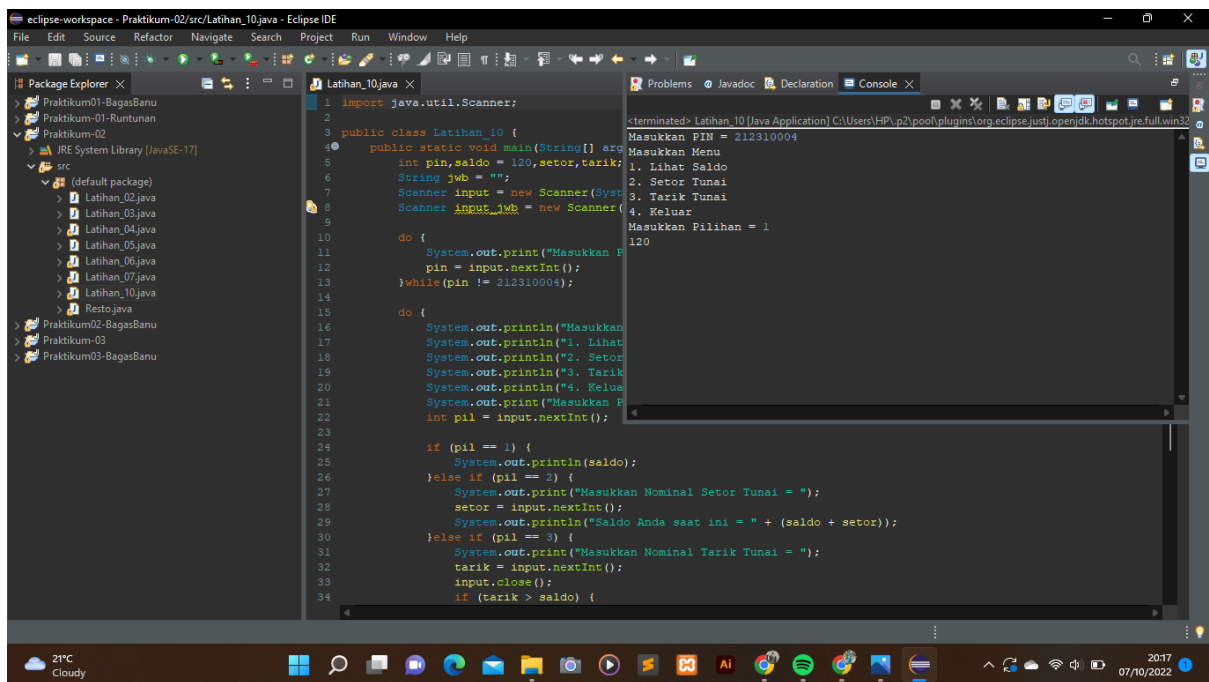
Latihan 05



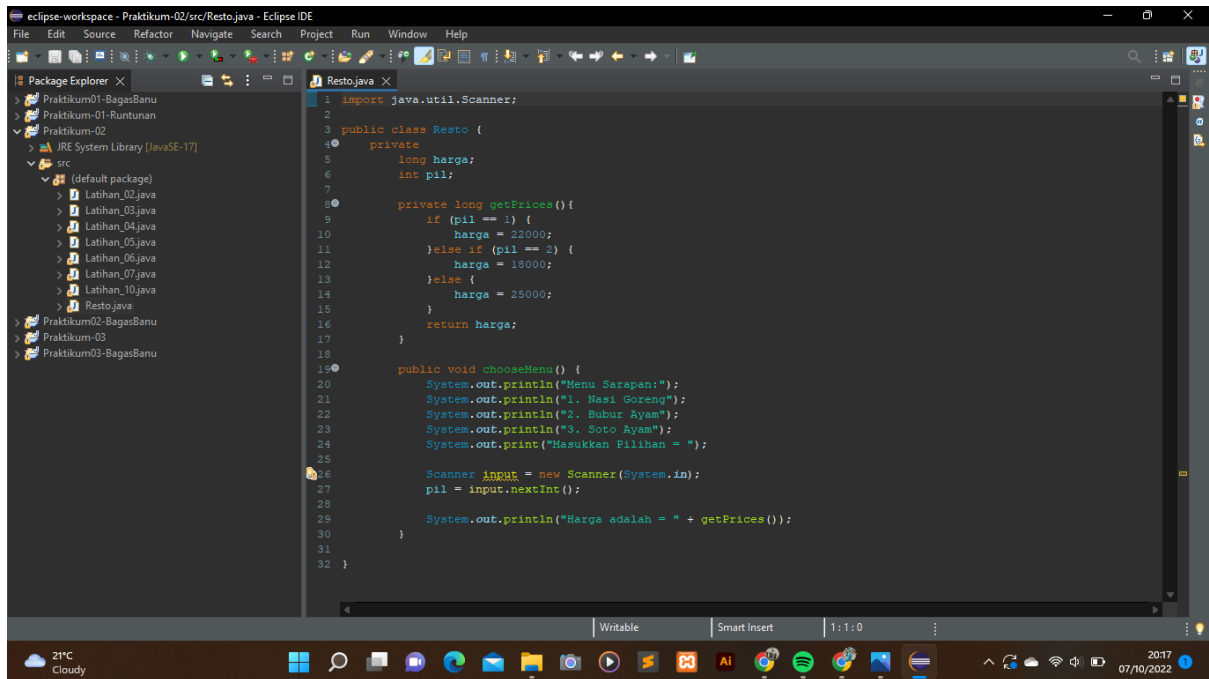
Latihan 07



Latihan 10



Resto



```
1 import java.util.Scanner;
2
3 public class Resto {
4     private
5         long harga;
6         int pilih;
7
8     private long getPrices(){
9         if (pilih == 1) {
10             harga = 22000;
11         } else if (pilih == 2) {
12             harga = 18000;
13         } else {
14             harga = 25000;
15         }
16         return harga;
17     }
18
19     public void chooseMenu() {
20         System.out.println("Menu Sarapan:");
21         System.out.println("1. Nasi Goreng");
22         System.out.println("2. Bubur Ayam");
23         System.out.println("3. Soto Ayam");
24         System.out.print("Masukkan Pilihan = ");
25
26         Scanner input = new Scanner(System.in);
27         pilih = input.nextInt();
28
29         System.out.println("Harga adalah = " + getPrices());
30     }
31 }
32 }
```