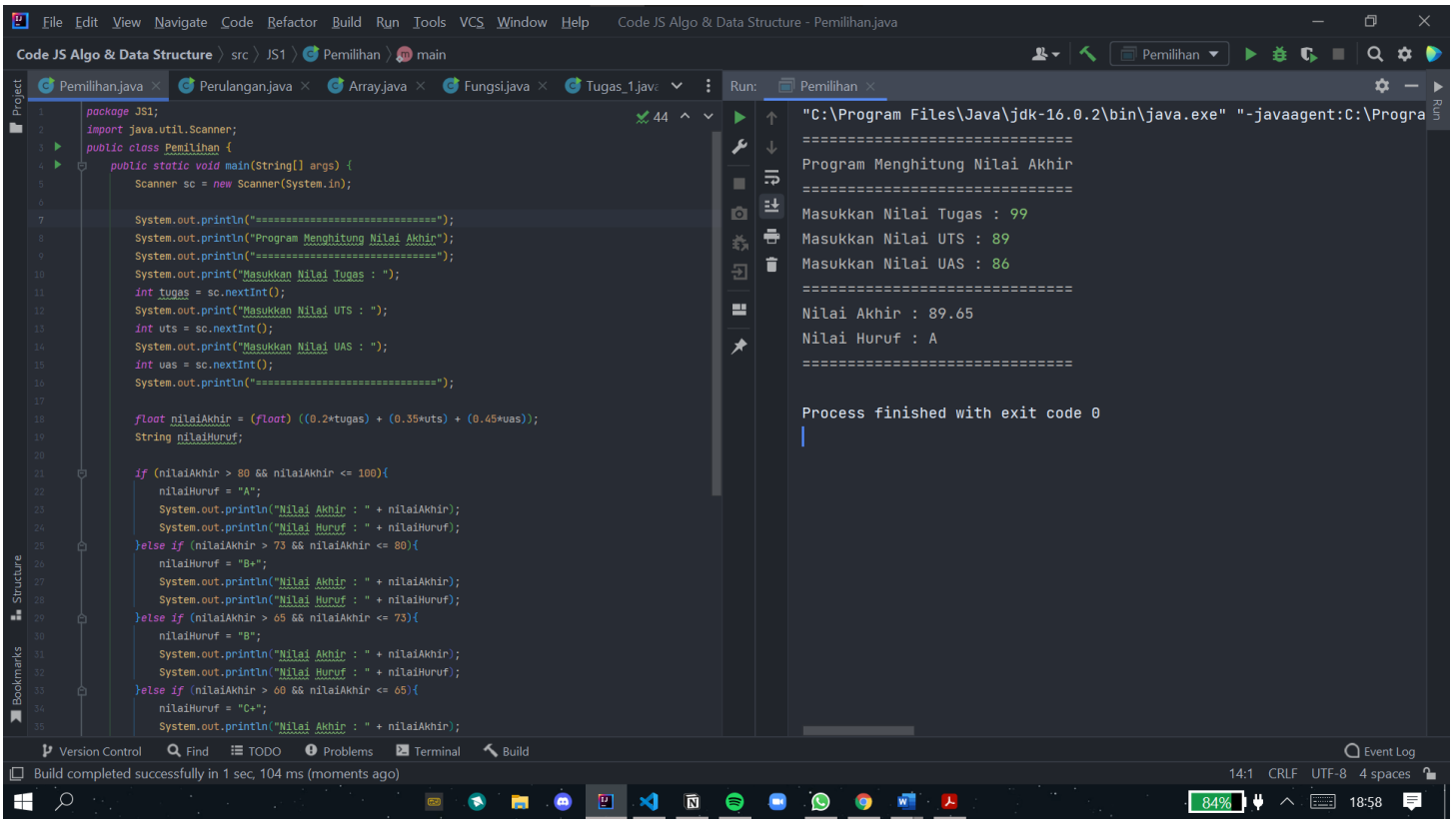
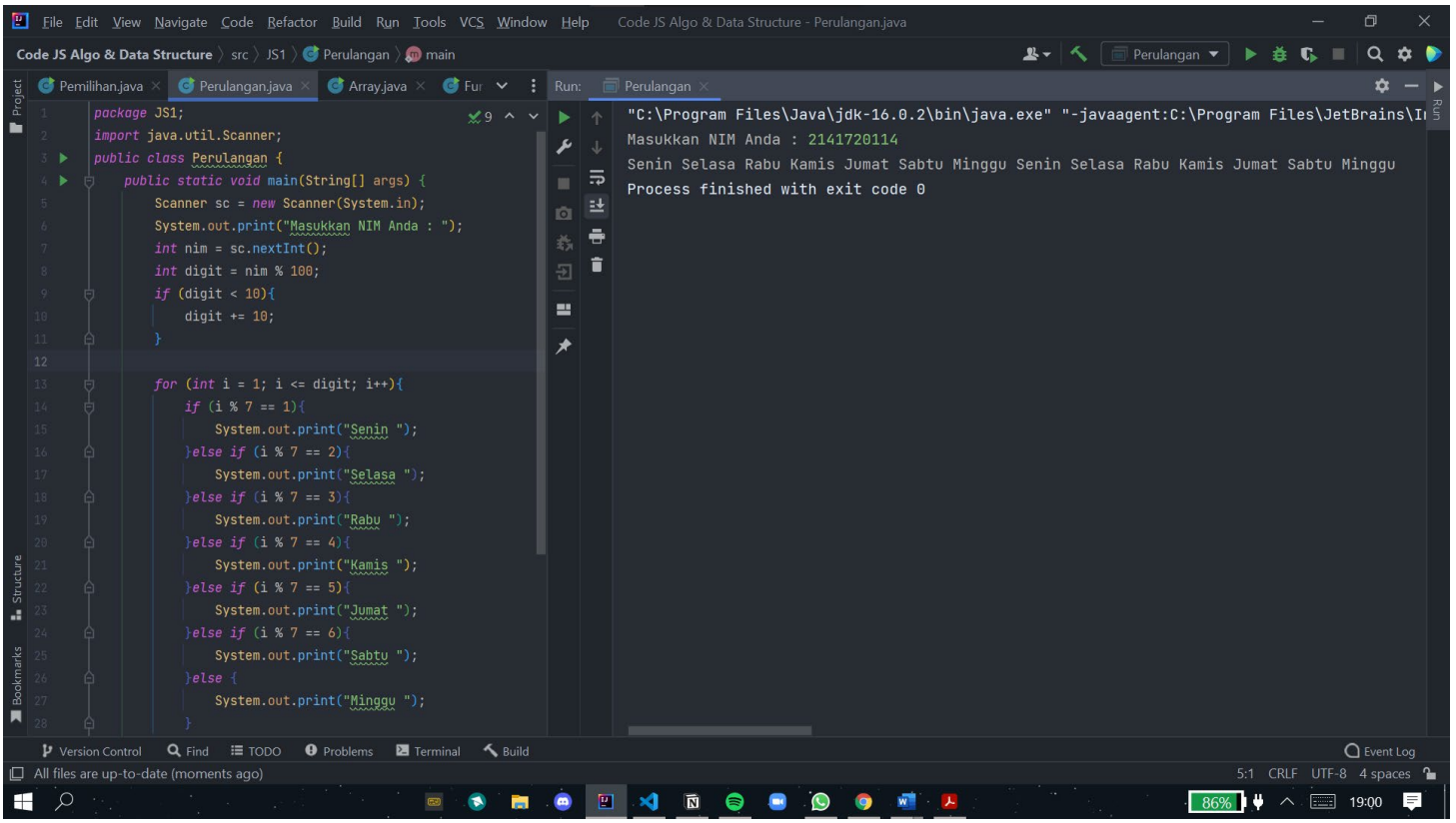
- Pemilihan



```
package JS1;
import java.util.Scanner;
public class Pemilihan {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.println("==============================");
        System.out.println("Program Menghitung Nilai Akhir");
        System.out.println("==============================");
        System.out.print("Masukkan Nilai Tugas : ");
        int tugas = sc.nextInt();
        System.out.print("Masukkan Nilai UTS : ");
        int uts = sc.nextInt();
        System.out.print("Masukkan Nilai UAS : ");
        int uas = sc.nextInt();
        System.out.println("==============================");

        float nilaiAkhir = (float) ((0.2*tugas) + (0.35*uts) + (0.45*uas));
        String nilaiHuruf;

        if (nilaiAkhir > 80 && nilaiAkhir <= 100){
            nilaiHuruf = "A";
            System.out.println("Nilai Akhir : " + nilaiAkhir);
            System.out.println("Nilai Huruf : " + nilaiHuruf);
        }else if (nilaiAkhir > 73 && nilaiAkhir <= 80){
            nilaiHuruf = "B+";
            System.out.println("Nilai Akhir : " + nilaiAkhir);
            System.out.println("Nilai Huruf : " + nilaiHuruf);
        }else if (nilaiAkhir > 65 && nilaiAkhir <= 73){
            nilaiHuruf = "B";
            System.out.println("Nilai Akhir : " + nilaiAkhir);
            System.out.println("Nilai Huruf : " + nilaiHuruf);
        }else if (nilaiAkhir > 60 && nilaiAkhir <= 65){
            nilaiHuruf = "C+";
            System.out.println("Nilai Akhir : " + nilaiAkhir);
```

```
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Progra
==============================
Program Menghitung Nilai Akhir
==============================
Masukkan Nilai Tugas : 99
Masukkan Nilai UTS : 89
Masukkan Nilai UAS : 86
==============================
Nilai Akhir : 89.65
Nilai Huruf : A
==============================

Process finished with exit code 0
```

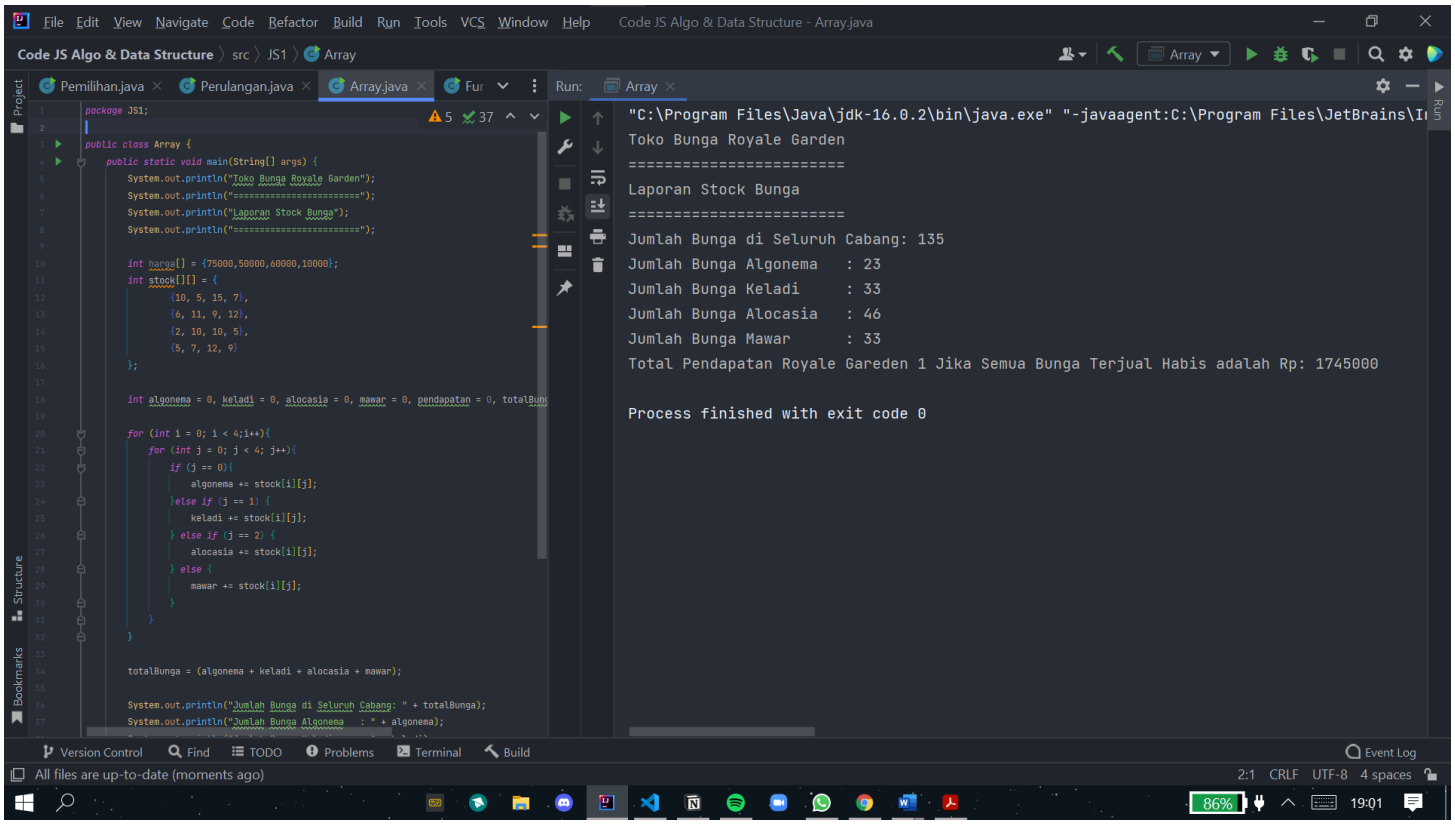
- Perulangan



```
package JS1;
import java.util.Scanner;
public class Perulangan {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Masukkan NIM Anda : ");
        int nim = sc.nextInt();
        int digit = nim % 100;
        if (digit < 10){
            digit += 10;
        }

        for (int i = 1; i <= digit; i++){
            if (i % 7 == 1){
                System.out.print("Senin ");
            }else if (i % 7 == 2){
                System.out.print("Selasa ");
            }else if (i % 7 == 3){
                System.out.print("Rabu ");
            }else if (i % 7 == 4){
                System.out.print("Kamis ");
            }else if (i % 7 == 5){
                System.out.print("Jumat ");
            }else if (i % 7 == 6){
                System.out.print("Sabtu ");
            }else {
                System.out.print("Minggu ");
            }
```

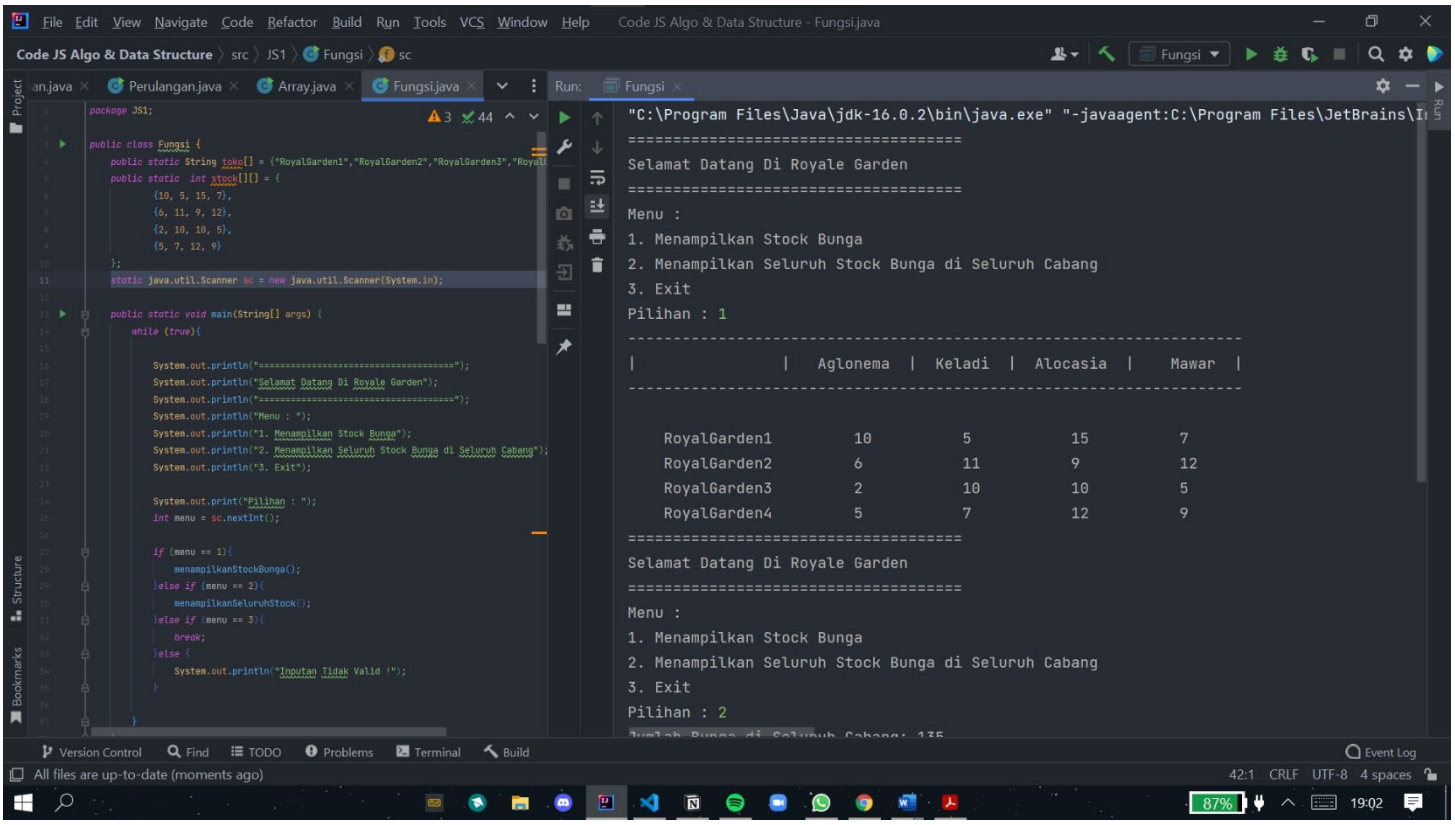
```
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\I
Masukkan NIM Anda : 2141720114
Senin Selasa Rabu Kamis Jumat Sabtu Minggu Senin Selasa Rabu Kamis Jumat Sabtu Minggu
Process finished with exit code 0
```

- Array

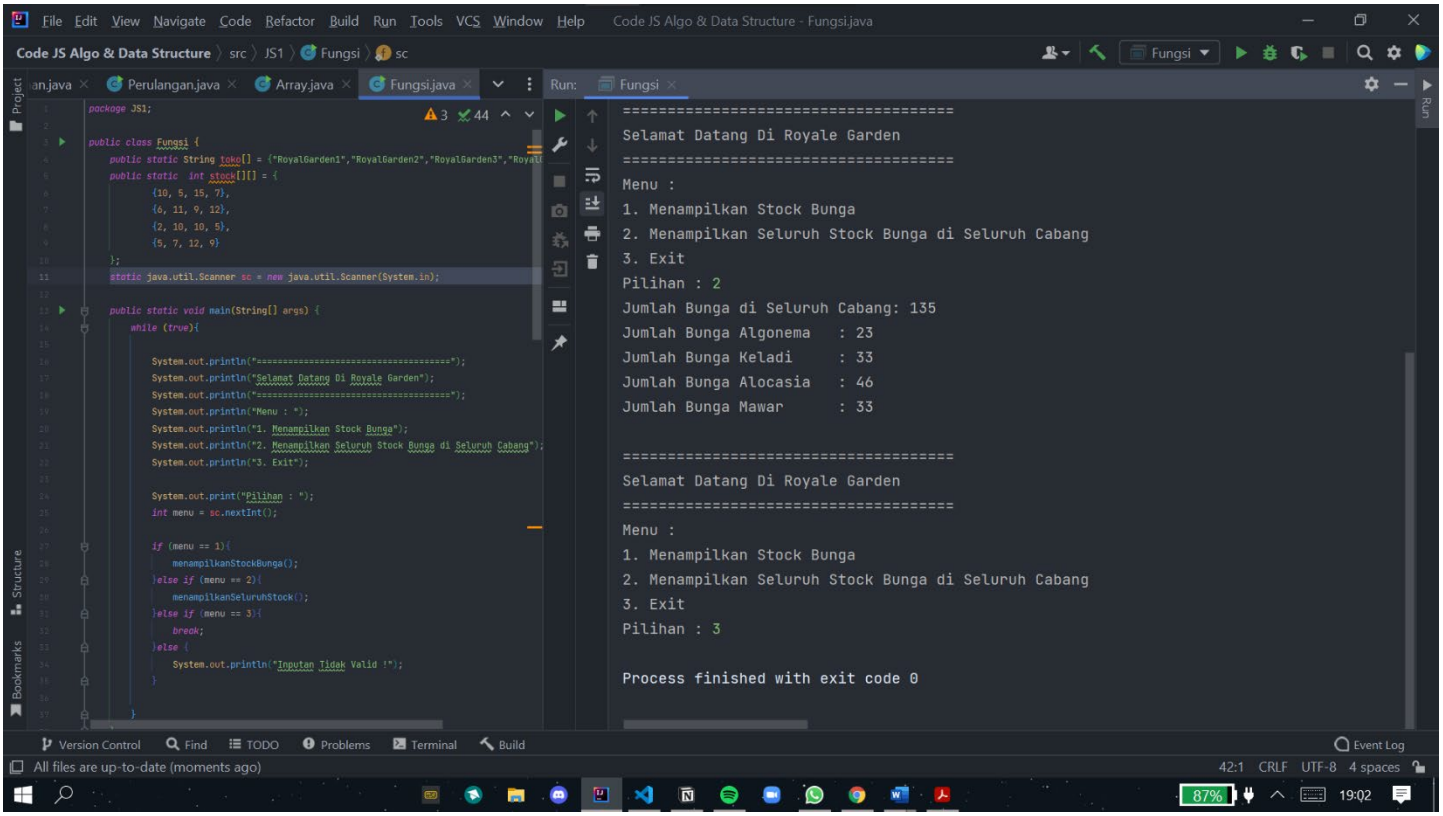


```
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\I
Toko Bunga Royale Garden
========================
Laporan Stock Bunga
========================
Jumlah Bunga di Seluruh Cabang: 135
Jumlah Bunga Algonema   : 23
Jumlah Bunga Keladi     : 33
Jumlah Bunga Alocasia   : 46
Jumlah Bunga Mawar      : 33
Total Pendapatan Royale Gareden 1 Jika Semua Bunga Terjual Habis adalah Rp: 1745000

Process finished with exit code 0
```

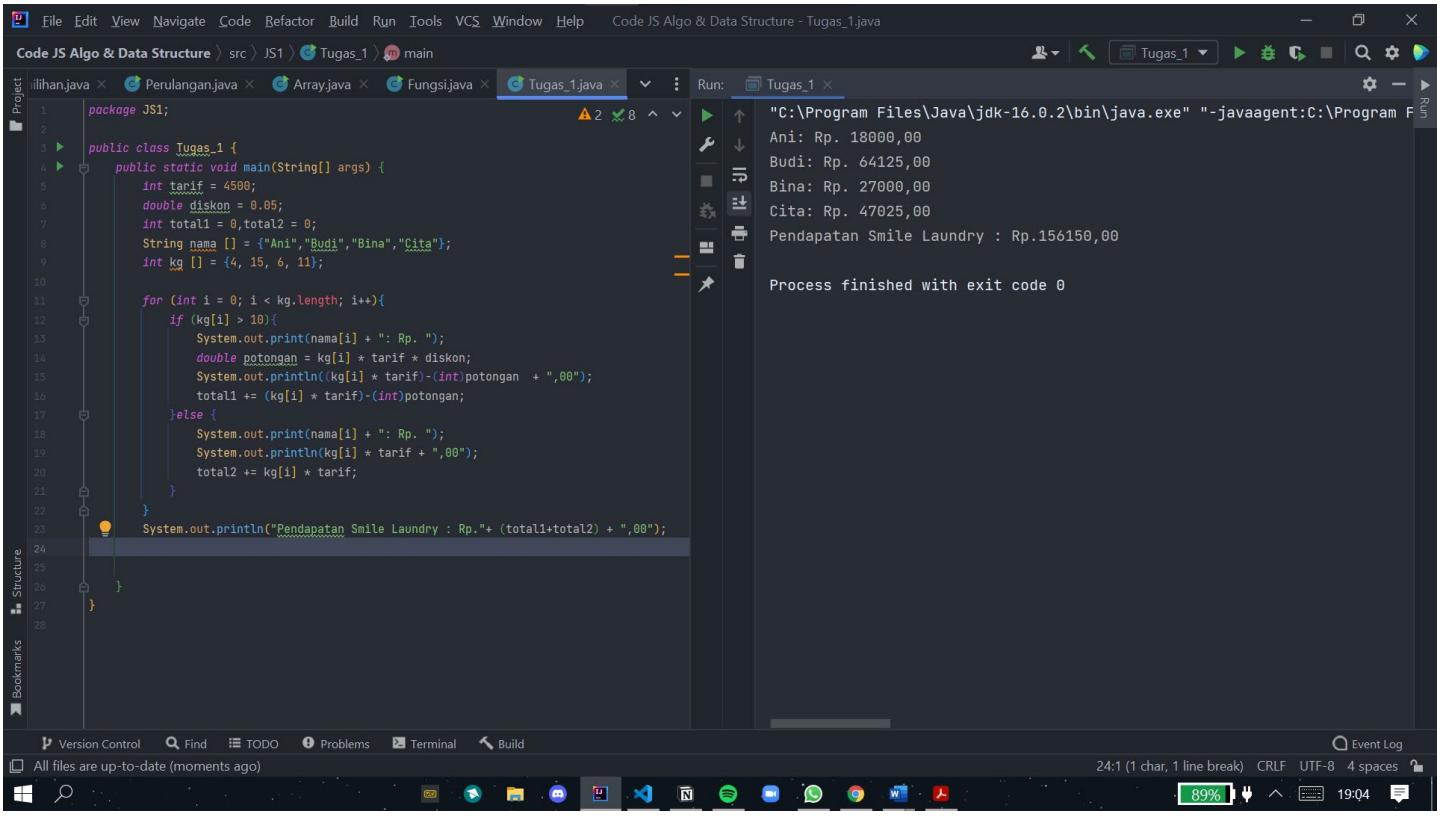
- Fungsi



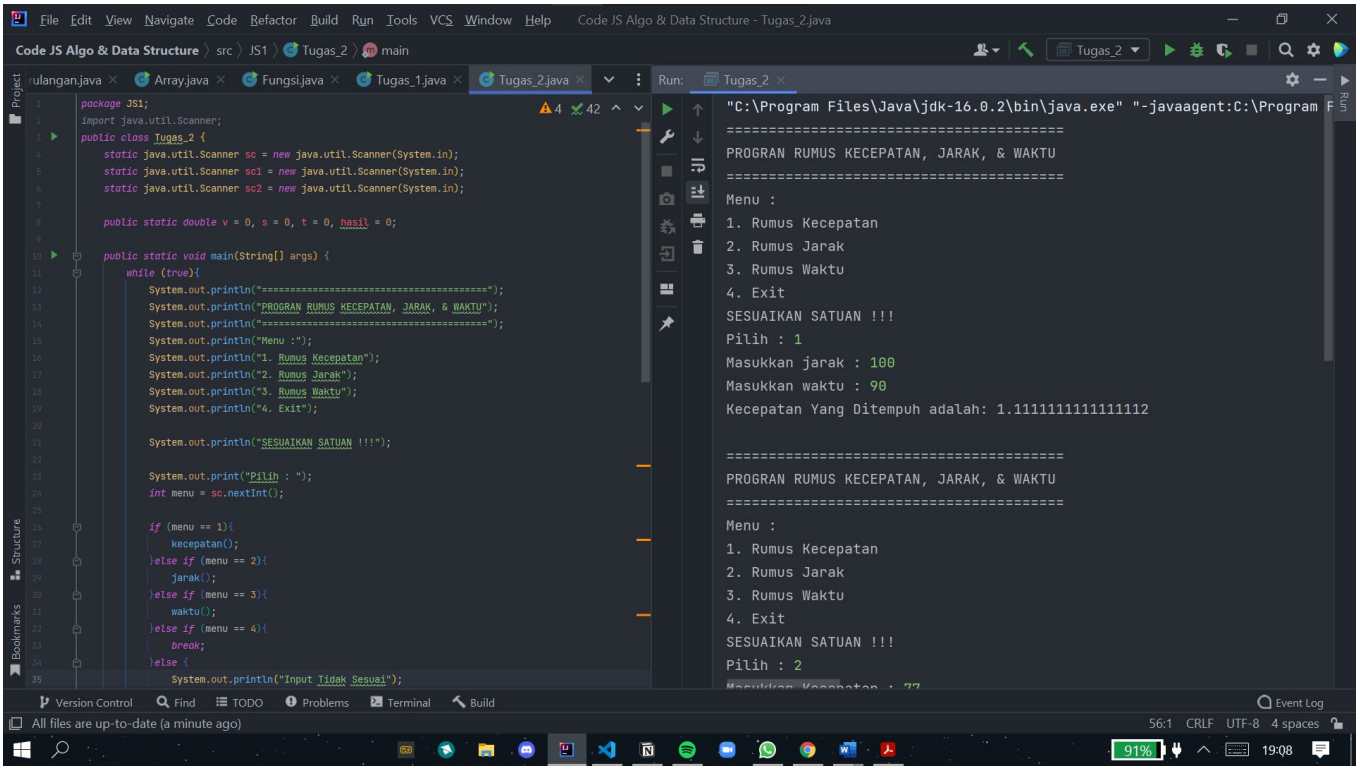
```
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\I
====================================
Selamat Datang Di Royale Garden
====================================
Menu :
1. Menampilkan Stock Bunga
2. Menampilkan Seluruh Stock Bunga di Seluruh Cabang
3. Exit
Pilihan : 1
--------------------------------------------------------------------
|               |   Aglonema  |  Keladi  |  Alocasia  |    Mawar  |
--------------------------------------------------------------------

    RoyalGarden1        10          5          15          7
    RoyalGarden2        6           11         9           12
    RoyalGarden3        2           10         10          5
    RoyalGarden4        5           7          12          9
====================================
Selamat Datang Di Royale Garden
====================================
Menu :
1. Menampilkan Stock Bunga
2. Menampilkan Seluruh Stock Bunga di Seluruh Cabang
3. Exit
Pilihan : 2
```


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
Code JS Algo & Data Structure - Fungsi.java
Code JS Algo & Data Structure › src › JS1 › Fungsi › sc
Perulangan.java
Array.java
Fungsi.java
Run: Fungsi
package JS1;
public class Fungsi {
public static String toko[] = {"RoyalGarden1","RoyalGarden2","RoyalGarden3","Royal
public static int stock[][] = {
{10, 5, 15, 7},
{6, 11, 9, 12},
{2, 10, 10, 5},
{5, 7, 12, 9}
};
static java.util.Scanner sc = new java.util.Scanner(System.in);
public static void main(String[] args) {
while (true){
System.out.println("====================================");
System.out.println("Selamat Datang Di Royale Garden");
System.out.println("====================================");
System.out.println("Menu : ");
System.out.println("1. Menampilkan Stock Bunga");
System.out.println("2. Menampilkan Seluruh Stock Bunga di Seluruh Cabang");
System.out.println("3. Exit");
System.out.print("Pilihan : ");
int menu = sc.nextInt();
if (menu == 1){
menampilkanStockBunga();
}else if (menu == 2){
menampilkanSeluruhStock();
}else if (menu == 3){
break;
}else {
System.out.println("Inputan Tidak Valid !");
}
}
}
====================================
Selamat Datang Di Royale Garden
====================================
Menu :
1. Menampilkan Stock Bunga
2. Menampilkan Seluruh Stock Bunga di Seluruh Cabang
3. Exit
Pilihan : 2
Jumlah Bunga di Seluruh Cabang: 135
Jumlah Bunga Algonema : 23
Jumlah Bunga Keladi : 33
Jumlah Bunga Alocasia : 46
Jumlah Bunga Mawar : 33
====================================
Selamat Datang Di Royale Garden
====================================
Menu :
1. Menampilkan Stock Bunga
2. Menampilkan Seluruh Stock Bunga di Seluruh Cabang
3. Exit
Pilihan : 3
Process finished with exit code 0
Version Control
Find
TODO
Problems
Terminal
Build
Event Log
All files are up-to-date (moments ago)
42:1 CRLF UTF-8 4 spaces
87%
19:02

- Tugas 1

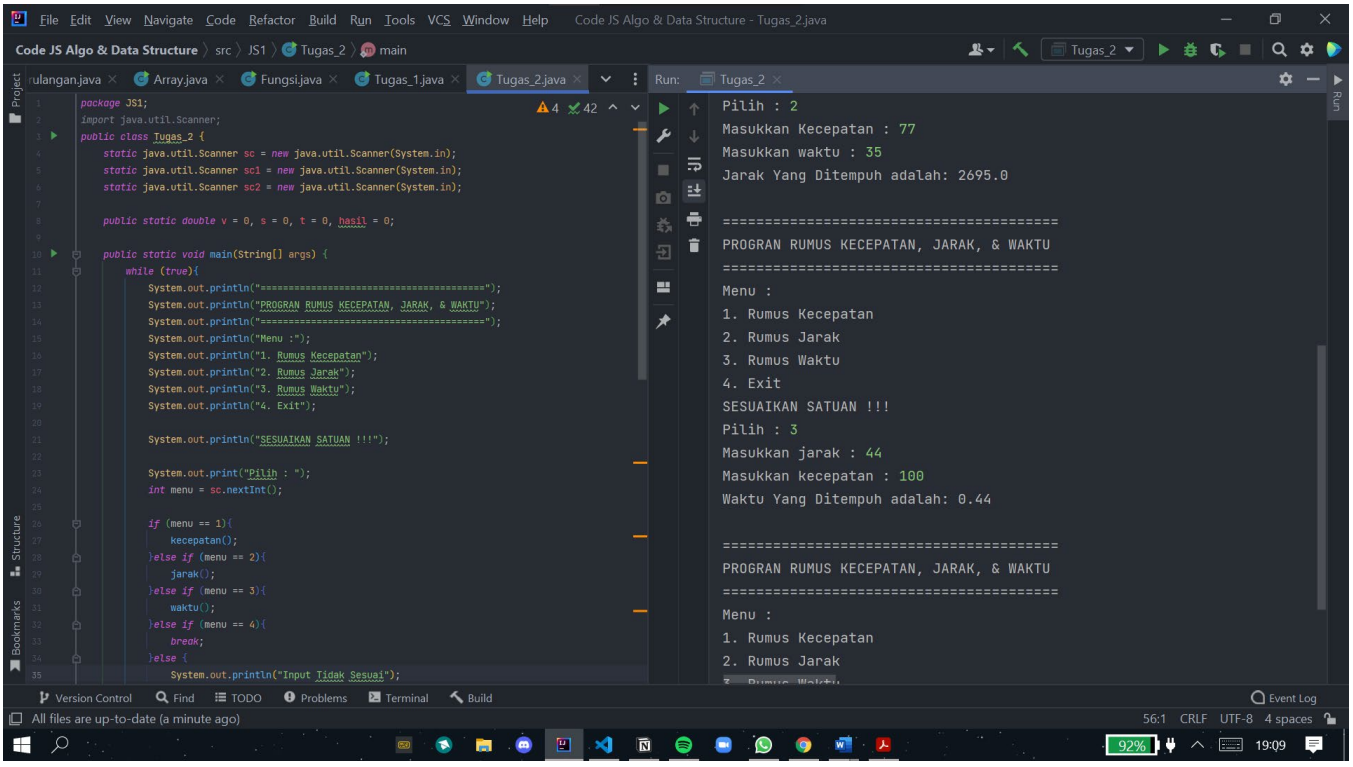

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
Code JS Algo & Data Structure - Tugas_1.java
Code JS Algo & Data Structure › src › JS1 › Tugas_1 › main
Perulangan.java
Array.java
Fungsi.java
Tugas_1.java
Run: Tugas_1
package JS1;
public class Tugas_1 {
public static void main(String[] args) {
int tarif = 4500;
double diskon = 0.05;
int total1 = 0,total2 = 0;
String nama [] = {"Ani","Budi","Bina","Cita"};
int kg [] = {4, 15, 6, 11};
for (int i = 0; i < kg.length; i++){
if (kg[i] > 10){
System.out.print(nama[i] + ": Rp. ");
double potongan = kg[i] * tarif * diskon;
System.out.println((kg[i] * tarif)-(int)potongan + ",00");
total1 += (kg[i] * tarif)-(int)potongan;
}else {
System.out.print(nama[i] + ": Rp. ");
System.out.println(kg[i] * tarif + ",00");
total2 += kg[i] * tarif;
}
}
System.out.println("Pendapatan Smile Laundry : Rp."+ (total1+total2) + ",00");
}
}
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program F
Ani: Rp. 18000,00
Budi: Rp. 64125,00
Bina: Rp. 27000,00
Cita: Rp. 47025,00
Pendapatan Smile Laundry : Rp.156150,00
Process finished with exit code 0
Version Control
Find
TODO
Problems
Terminal
Build
Event Log
All files are up-to-date (moments ago)
24:1 (1 char, 1 line break) CRLF UTF-8 4 spaces
89%
19:04

- Tugas 2

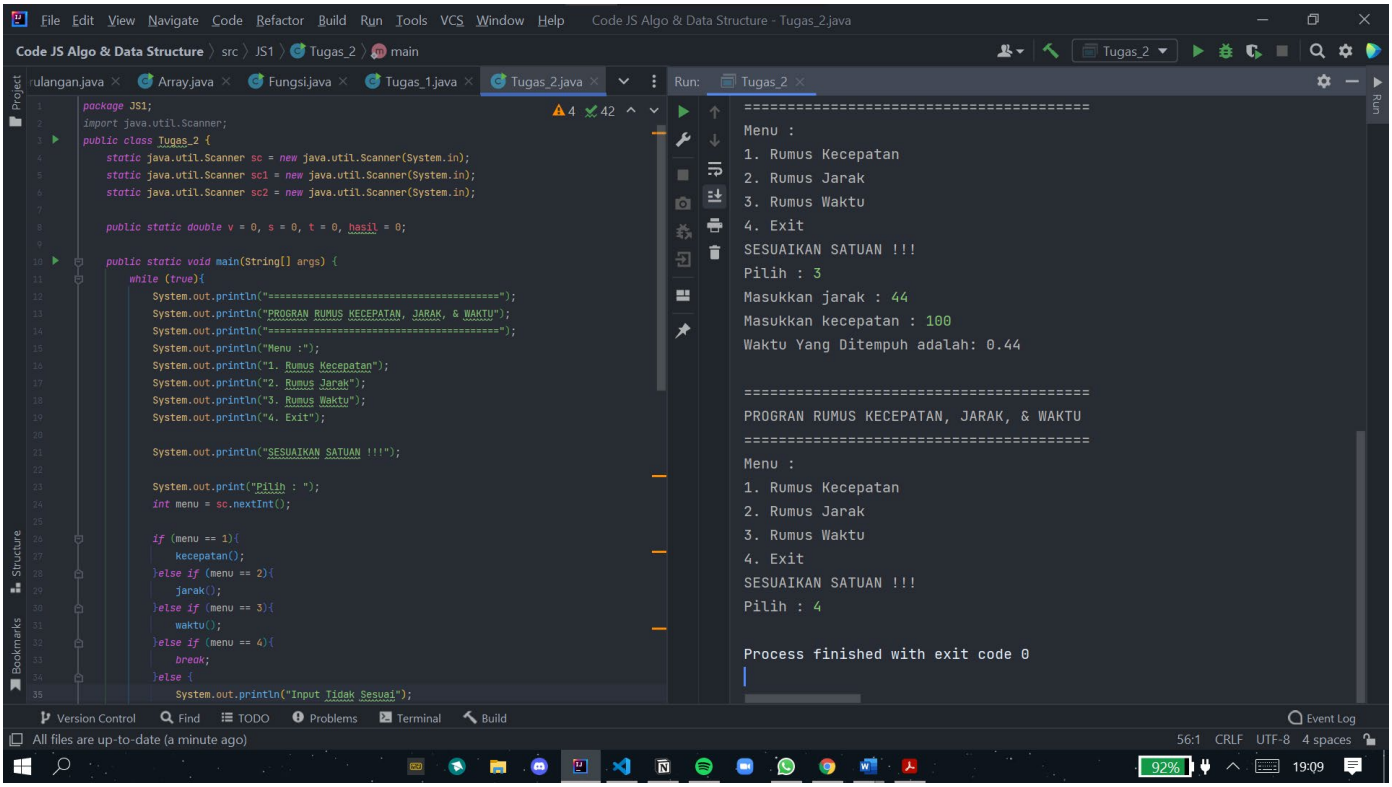


```
package JS1;
import java.util.Scanner;
public class Tugas_2 {
    static java.util.Scanner sc = new java.util.Scanner(System.in);
    static java.util.Scanner sc1 = new java.util.Scanner(System.in);
    static java.util.Scanner sc2 = new java.util.Scanner(System.in);

    public static double v = 0, s = 0, t = 0, hasil = 0;

    public static void main(String[] args) {
        while (true){
            System.out.println("========================================");
            System.out.println("PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU");
            System.out.println("========================================");
            System.out.println("Menu :");
            System.out.println("1. Rumus Kecepatan");
            System.out.println("2. Rumus Jarak");
            System.out.println("3. Rumus Waktu");
            System.out.println("4. Exit");

            System.out.println("SESUAIKAN SATUAN !!!");

            System.out.print("Pilih : ");
            int menu = sc.nextInt();

            if (menu == 1){
                kecepatan();
            }else if (menu == 2){
                jarak();
            }else if (menu == 3){
                waktu();
            }else if (menu == 4){
                break;
            }else {
                System.out.println("Input Tidak Sesuai");
```

```
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program F
========================================
PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU
========================================
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
3. Rumus Waktu
4. Exit
SESUAIKAN SATUAN !!!
Pilih : 1
Masukkan jarak : 100
Masukkan waktu : 90
Kecepatan Yang Ditempuh adalah: 1.1111111111111112

========================================
PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU
========================================
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
3. Rumus Waktu
4. Exit
SESUAIKAN SATUAN !!!
Pilih : 2
```



```
Pilih : 2
Masukkan Kecepatan : 77
Masukkan waktu : 35
Jarak Yang Ditempuh adalah: 2695.0

========================================
PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU
========================================
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
3. Rumus Waktu
4. Exit
SESUAIKAN SATUAN !!!
Pilih : 3
Masukkan jarak : 44
Masukkan kecepatan : 100
Waktu Yang Ditempuh adalah: 0.44

========================================
PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU
========================================
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
```


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
Code JS Algo & Data Structure - Tugas_2.java
Code JS Algo & Data Structure › src › JS1 › Tugas_2 › main
rulangan.java
Array.java
Fungsi.java
Tugas_1.java
Tugas_2.java
Run: Tugas_2
package JS1;
import java.util.Scanner;
public class Tugas_2 {
static java.util.Scanner sc = new java.util.Scanner(System.in);
static java.util.Scanner sc1 = new java.util.Scanner(System.in);
static java.util.Scanner sc2 = new java.util.Scanner(System.in);
public static double v = 0, s = 0, t = 0, hasil = 0;
public static void main(String[] args) {
while (true){
System.out.println("===");
System.out.println("PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU");
System.out.println("===");
System.out.println("Menu :");
System.out.println("1. Rumus Kecepatan");
System.out.println("2. Rumus Jarak");
System.out.println("3. Rumus Waktu");
System.out.println("4. Exit");
System.out.println("SESUAIKAN SATUAN !!!");
System.out.print("Pilih : ");
int menu = sc.nextInt();
if (menu == 1){
kecepatan();
}else if (menu == 2){
jarak();
}else if (menu == 3){
waktu();
}else if (menu == 4){
break;
}else {
System.out.println("Input Tidak Sesuai");
===
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
3. Rumus Waktu
4. Exit
SESUAIKAN SATUAN !!!
Pilih : 3
Masukkan jarak : 44
Masukkan kecepatan : 100
Waktu Yang Ditempuh adalah: 0.44
===
PROGRAN RUMUS KECEPATAN, JARAK, & WAKTU
===
Menu :
1. Rumus Kecepatan
2. Rumus Jarak
3. Rumus Waktu
4. Exit
SESUAIKAN SATUAN !!!
Pilih : 4
Process finished with exit code 0
Version Control
Find
TODO
Problems
Terminal
Build
Event Log
All files are up-to-date (a minute ago)
56:1 CRLF UTF-8 4 spaces
92%
19:09