

Mata Kuliah : PBO – TI – S1

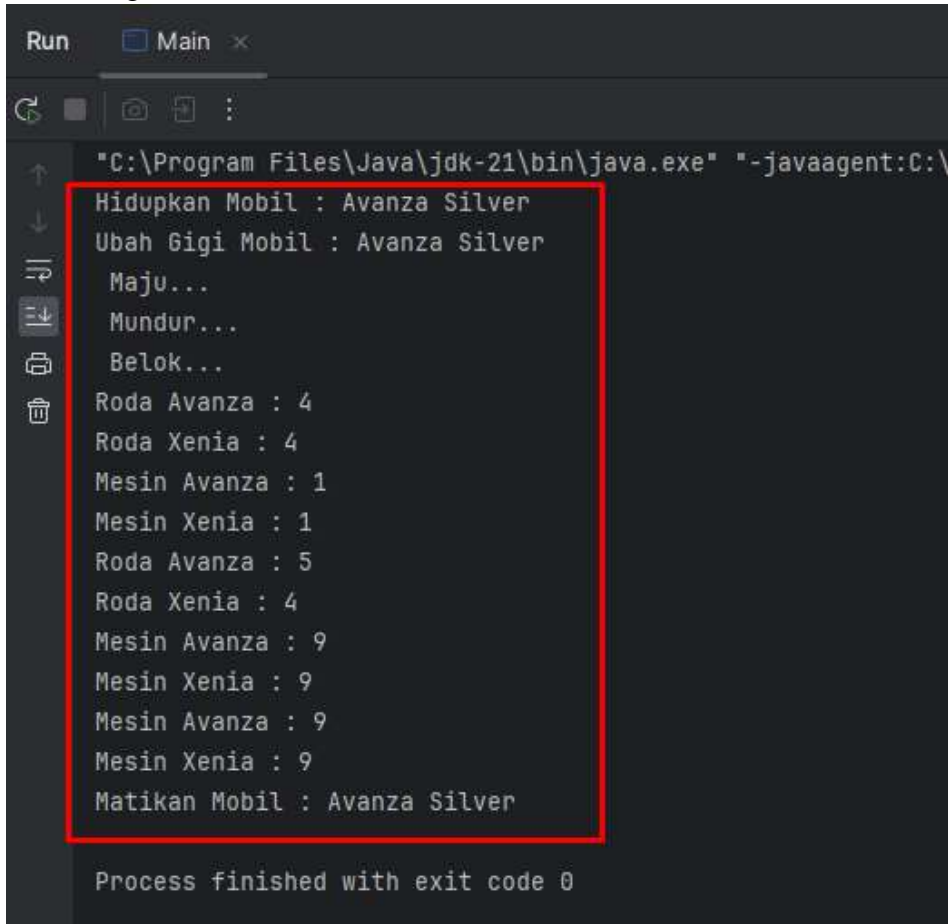
Pertemuan : 2

NIM : A11.2022.14532

Nama : Najma Aura Dias Prameswari

1. Tugas 1 : Mengembangkan program Mobil :

Hasil Program :

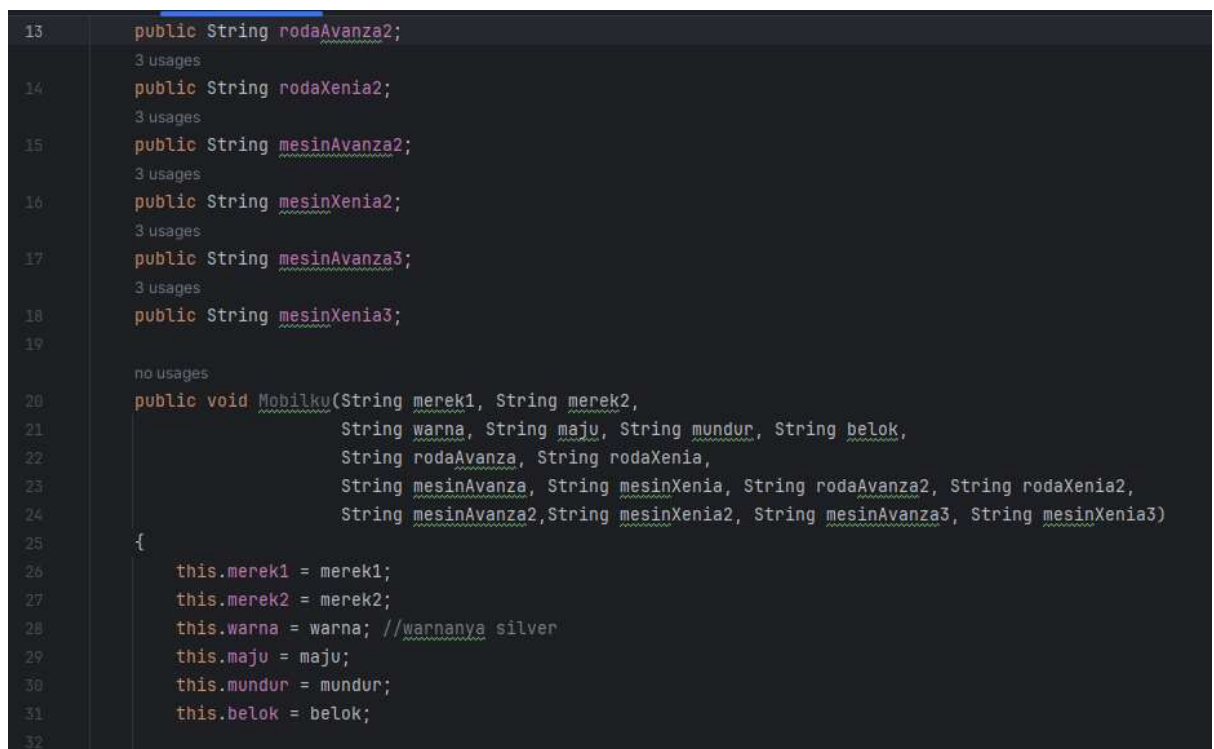
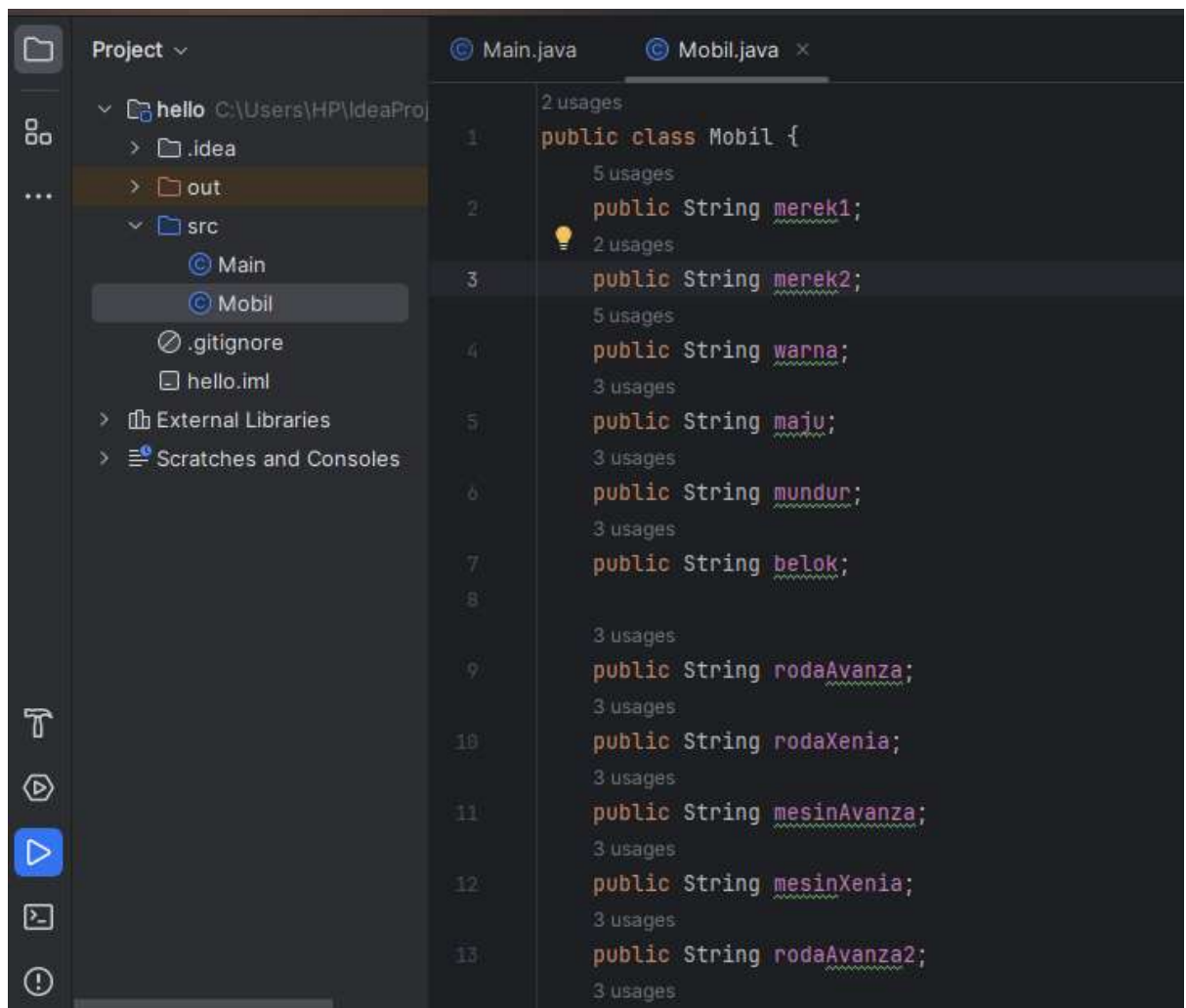


```
Run Main x
"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:C:\
Hidupkan Mobil : Avanza Silver
Ubah Gigi Mobil : Avanza Silver
Maju...
Mundur...
Belok...
Roda Avanza : 4
Roda Xenia : 4
Mesin Avanza : 1
Mesin Xenia : 1
Roda Avanza : 5
Roda Xenia : 4
Mesin Avanza : 9
Mesin Xenia : 9
Mesin Avanza : 9
Mesin Xenia : 9
Matikan Mobil : Avanza Silver
Process finished with exit code 0
```

Code Program :



```
3 public class Main {
4     public static void main(String[] args) {
5         Press [Alt] [Enter] with your caret at the highlighted
6         fixing it.
7         Mobil mymobil = new Mobil();
8
9         mymobil.merek1 = "Avanza";
10        mymobil.merek2 = "Xenia";
11        mymobil.warna = "Silver";
12
13        mymobil.maju = "Maju...";
14        mymobil.mundur = "Mundur...";
15        mymobil.belok = "Belok...";
16
17        mymobil.rodaAvanza = "4";
18        mymobil.rodaXenia = "4";
19        mymobil.mesinAvanza = "1";
20        mymobil.mesinXenia = "1";
21        mymobil.rodaAvanza2 = "5";
22        mymobil.rodaXenia2 = "4";
23        mymobil.mesinAvanza2 = "9";
24        mymobil.mesinXenia2 = "9";
25        mymobil.mesinAvanza3 = "9";
26        mymobil.mesinXenia3 = "9";
27
28        mymobil.info();
29    }
```

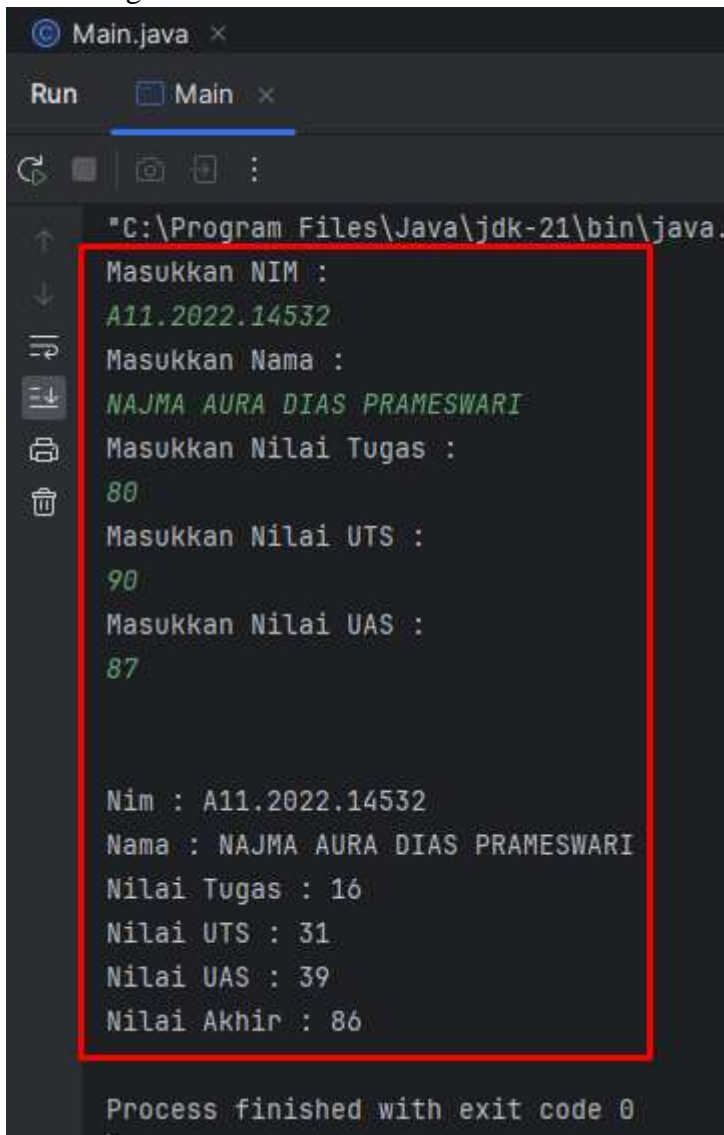


```

34     this.rodaAvanza = rodaAvanza; //output = 4
35     this.rodaXenia = rodaXenia; //output = 4
36     this.mesinAvanza = mesinAvanza; //output = 1
37     this.mesinXenia = mesinXenia; //output = 1
38
39     this.rodaAvanza2 = rodaAvanza2; //output = 5
40     this.rodaXenia2 = rodaXenia2; //output = 4
41
42     this.mesinAvanza2 = mesinAvanza2; //output = 9
43     this.mesinXenia2 = mesinXenia2; //output = 9
44
45     this.mesinAvanza3 = mesinAvanza3; //output = 9
46     this.mesinXenia3 = mesinXenia3; //output = 9
47 }
48
49 1 usage
50 public void info(){
51     System.out.println("Hidupkan Mobil : "+this.merek1 + this.warna);
52     System.out.println("Ubah Gigi Mobil : "+this.merek1 + this.warna);
53     System.out.println(" "+this.maju);
54     System.out.println(" "+this.mundur);
55     System.out.println(" "+this.belok);
56     System.out.println("Roda Avanza : "+this.rodaAvanza);
57     System.out.println("Roda Xenia : "+this.rodaXenia);
58     System.out.println("Mesin Avanza : "+this.mesinAvanza);
59     System.out.println("Mesin Xenia : "+this.mesinXenia);
60
61     System.out.println("Mesin Xenia : "+this.mesinXenia);|
62     System.out.println("Roda Avanza : "+this.rodaAvanza2);
63     System.out.println("Roda Xenia : "+this.rodaXenia2);
64     System.out.println("Mesin Avanza : "+this.mesinAvanza2);
65     System.out.println("Mesin Xenia : "+this.mesinXenia2);
66     System.out.println("Mesin Avanza : "+this.mesinAvanza3);
67     System.out.println("Mesin Xenia : "+this.mesinXenia3);
68     System.out.println("Matikan Mobil : "+this.merek1 + this.warna);
69
70 }
71
72 }

```

2. Tugas 2 : Membuat program untuk menghitung nilai :
Hasil Program :




```
© Main.java x
Run Main x
"C:\Program Files\Java\jdk-21\bin\java."
Masukkan NIM :
A11.2022.14532
Masukkan Nama :
NAJMA AURA DIAS PRAMESWARI
Masukkan Nilai Tugas :
80
Masukkan Nilai UTS :
90
Masukkan Nilai UAS :
87

Nim : A11.2022.14532
Nama : NAJMA AURA DIAS PRAMESWARI
Nilai Tugas : 16
Nilai UTS : 31
Nilai UAS : 39
Nilai Akhir : 86

Process finished with exit code 0
```


Code Program :

```
© Main.java x
To Run code, press Shift F10 or click the  icon in the gutter.

3 import java.util.Scanner;
4 public class Main {
5     public static void main(String[] args) {
6         // Press Alt Enter with your caret at the highlighted text to see how IntelliJ
        // fixing it. untuk memasukkan NIM yang diinginkan
7
8         Scanner input = new Scanner(System.in); //diketik 1x tp bi
9         System.out.println("Masukkan NIM : ");
10        String nim = input.nextLine();
11
12
13        //untuk memasukkan NAMA yang diinginkan
14        System.out.println("Masukkan Nama : ");
15        String nama = input.nextLine();
16
17        //deklarasi variabel
18        int nilai_tugas, nilai_UTS, nilai_UAS;
19        double pNilai_tugas, pNilai_UTS, pNilai_UAS, pNilaiAkhir;
20
21        //untuk memasukkan NILAI TUGAS yang diinginkan
22        System.out.println("Masukkan Nilai Tugas : ");
23        nilai_tugas = input.nextInt();
24
25        //untuk memasukkan NILAI UTS yang diinginkan
26        System.out.println("Masukkan Nilai UTS : ");
27        nilai_UTS = input.nextInt();
28
29        //untuk memasukkan NILAI UAS yang diinginkan
30        System.out.println("Masukkan Nilai UAS : ");
31        nilai_UAS = input.nextInt();
32
33        //deklarasi variabel untuk menghitung nilai
34        pNilai_tugas = nilai_tugas * 0.20;
35        pNilai_UTS = nilai_UTS * 0.35;
36        pNilai_UAS = nilai_UAS * 0.45;
37        pNilaiAkhir = pNilai_tugas + pNilai_UTS + pNilai_UAS;
38
39        //menampilkan semua hasil output
40        System.out.println("\n");//spasi/jarak
41        System.out.println("Nim : "+nim);
42        System.out.println("Nama : "+nama);
43        System.out.println("Nilai Tugas : "+(int)pNilai_tugas);
44        System.out.println("Nilai UTS : "+(int)pNilai_UTS);
45        System.out.println("Nilai UAS : "+(int)pNilai_UAS);
46        System.out.println("Nilai Akhir : "+(int)pNilaiAkhir);
47
48    }
```