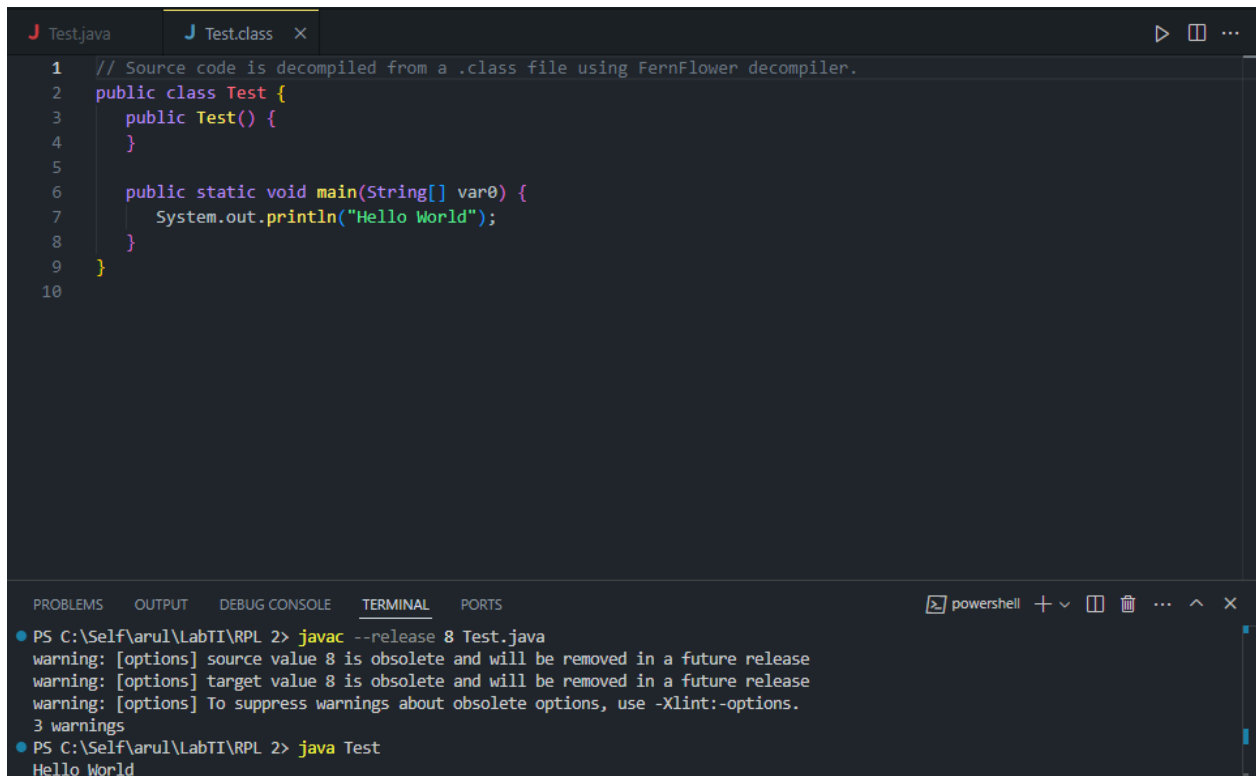


Nama : Khoerul Akbr
NPM : 51421607
Kelas : 4IA28
Materi : Pengenalan OOP
Praktikum : Rekayasa Perangkat Lunak 2

Activity Pertemuan 1

Test.java



The screenshot shows an IDE with two tabs: 'Test.java' and 'Test.class'. The 'Test.java' tab is active, displaying the following code:

```
1 // Source code is decompiled from a .class file using FernFlower decompiler.
2 public class Test {
3     public Test() {
4     }
5
6     public static void main(String[] var0) {
7         System.out.println("Hello World");
8     }
9 }
10
```

The bottom of the IDE shows a terminal window with the following output:

```
PS C:\Self\arul\LabTII\RPL 2> javac --release 8 Test.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
3 warnings
PS C:\Self\arul\LabTII\RPL 2> java Test
Hello World
```

Mahasiswa.java

```
J Mahasiswa.java > ...
1  public class Mahasiswa {
    Run | Debug
2      public static void main(String[] args) {
3          String Nama;
4          int Umur;
5          String Npm;
6          String Kelas;
7
8          int Uts;
9          int Uas;
10         Double Hasil;
11
12         Nama = "Khoerul Akbar";
13         Umur = 21;
14         Npm = "51421607";
15         Kelas = "4IA28";
16
17         Uts = 80;
18         Uas = 90;
19         Hasil = (Uts*0.3 + Uas*0.7);
20
21         System.out.println("Nama : " + Nama);
22         System.out.println("Umur : " + Umur);
23         System.out.println("Npm : " + Npm);
24         System.out.println("Kelas : " + Kelas);
25         System.out.println("Nilai Akhir Ujian : " + Hasil);
26     }
27 }
28
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

- PS C:\Self\arul\LabTI\RPL 2> javac --release 8 Mahasiswa.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
3 warnings
- PS C:\Self\arul\LabTI\RPL 2> java Mahasiswa
Nama : Khoerul Akbar
Umur : 21
Npm : 51421607
Kelas : 4IA28
Nilai Akhir Ujian : 87.0

Activity Pertemuan 2

Main.java (Data Mahasiswa)

```
1  public class Main {  
    Run | Debug  
2  public static void main(String[] args) {  
3      Mahasiswa mahasiswa1 = new Mahasiswa();  
4  
5      mahasiswa1.Nama = "Khoerul Akbar";  
6      mahasiswa1.Umur = 21;  
7      mahasiswa1.Npm = "51421607";  
8      mahasiswa1.Kelas = "4IA28";  
9  
10     mahasiswa1.Uts = 80;  
11     mahasiswa1.Uas = 90;  
12     mahasiswa1.data_diri();  
13  
14     Mahasiswa mahasiswa2 = new Mahasiswa();  
15  
16     mahasiswa2.Nama = "Johan Wijaya";  
17     mahasiswa2.Umur = 21;  
18     mahasiswa2.Npm = "50421686";  
19     mahasiswa2.Kelas = "4IA28";  
20  
21     mahasiswa2.Uts = 95;  
22     mahasiswa2.Uas = 100;  
23     mahasiswa2.data_diri();  
24  
25  
26  
27 }  
28  
29 }  
30
```

```

31 class Mahasiswa {
32     String Nama;
33     int Umur;
34     String Npm;
35     String Kelas;
36
37     double Uts;
38     double Uas;
39     double Hasil;
40
41     public void data_diri () {
42         System.out.println("Nama : " + Nama);
43         System.out.println("Umur : " + Umur);
44         System.out.println("Npm : " + Npm);
45         System.out.println("Kelas : " + Kelas);
46
47         Hasil = (Uts * 0.3 + Uas * 0.7);
48         System.out.println("Nilai Akhir Ujian : " + Hasil);
49         System.out.println(x:"\n");
50
51     }
52 }
53 }

```

```

PS C:\Self\arul\LabTI\RPL 2\Pertemuan 2> javac --release 8 Main.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
3 warnings

```

```

PS C:\Self\arul\LabTI\RPL 2\Pertemuan 2> java Main

```

```

Nama : Khoerul Akbar
Umur : 21
Npm : 51421607
Kelas : 4IA28
Nilai Akhir Ujian : 87.0

```

```

Nama : Johan Wijaya
Umur : 21
Npm : 50421686
Kelas : 4IA28
Nilai Akhir Ujian : 98.5

```

Kendaraan.java

```
1  public class Kendaraan {
2      Run | Debug
3      public static void main(String[] args) {
4          Motor motor1 = new Motor(warna:"Merah", merk:"Motor Beat", bensin:10);
5
6          motor1.CekBensin();
7          motor1.Jenis();
8          motor1.starterMotor();
9          motor1.BelokKanan();
10         motor1.BelokKiri();
11
12         System.out.println(x: "_____ \n");
13
14         Motor motor2 = new Motor(warna:"Hijau Tosca", merk:"Motor Fazzio", bensin:0);
15
16         motor2.CekBensin();
17         motor2.Jenis();
18         motor2.starterMotor();
19         motor2.BelokKanan();
20         motor2.BelokKiri();
21
22         System.out.println(x: "_____ \n");
23
24         Mobil mobil1 = new Mobil(warna:"Silver", merk:"Avanza", bensin:20);
25
26         mobil1.CekBensin();
27         mobil1.Jenis();
28         mobil1.starterMobil();
29         mobil1.BelokKanan();
30         mobil1.BelokKiri();
31
32         System.out.println(x: "_____ \n");
33         Mobil mobil2 = new Mobil(warna:"Hitam", merk:"Ayla", bensin:0);
34
35         mobil2.CekBensin();
36         mobil2.Jenis();
37         mobil2.starterMobil();
38         mobil2.BelokKanan();
39         mobil2.BelokKiri();
40
41         System.out.println(x: "_____ \n");
42     }
43 }
44
45
46 class Transportasi{
47     String Warna;
48     String Merk;
49     int Bensin;
50
51     public Transportasi(String Warna, String Merk, int Bensin){
52         this.Warna = Warna;
53         this.Merk = Merk;
54         this.Bensin = Bensin;
55     }
56
57     public void BelokKanan(){
58         System.out.println("Kendaraan " + Merk + " Belok Kanan.");
59     }
60
61     public void BelokKiri(){
62         System.out.println("Kendaraan " + Merk + " Belok Kiri.");
63     }
64
65     public void CekBensin(){
```

```

66         System.out.println("Kendaraan " + Merk + " Sisa Bensin : " + Bensin);
67     }
68     public void Jenis(){
69         System.out.println("Kendaraan anda adalah " + Merk + " dengan warna " + Warna);
70     }
71 }
72
73 class Motor extends Transportasi{
74     public Motor(String warna, String merk, int bensin){
75         super(warna, merk, bensin);
76     }
77
78     public void starterMotor(){
79         if(Bensin > 0){
80             System.out.println("Motor " + Merk + " Bisa Berjalan!");
81         } else{
82             System.out.println("Motor " + Merk);
83             System.out.println(x:"Bensin habis! Motor tidak bisa berjalan!");
84         }
85     }
86 }
87
88 class Mobil extends Transportasi{
89     public Mobil(String warna, String merk, int bensin){
90         super(warna, merk, bensin);
91     }
92
93     public void starterMobil(){
94         if(Bensin > 0){
95             System.out.println("Mobil " + Merk + " Bisa Berjalan!");
96         } else{
97             System.out.println("Mobil " + Merk);

```

```

98             System.out.println(x:"Bensin habis! Mobil tidak bisa berjalan!");
99         }
100     }
101 }

```

```

● PS C:\Self\arul\LabTI\RPL 2\Pertemuan 2> javac --release 8 Kendaraan.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
3 warnings
● PS C:\Self\arul\LabTI\RPL 2\Pertemuan 2> java Kendaraan
Kendaraan Motor Beat Sisa Bensin : 10
Kendaraan anda adalah Motor Beat dengan warna Merah
Motor Motor Beat Bisa Berjalan!
Kendaraan Motor Beat Belok Kanan.
Kendaraan Motor Beat Belok Kiri.

-----

Kendaraan Motor Fazzio Sisa Bensin : 0
Kendaraan anda adalah Motor Fazzio dengan warna Hijau Tosca
Motor Motor Fazzio
Bensin habis! Motor tidak bisa berjalan!
Kendaraan Motor Fazzio Belok Kanan.
Kendaraan Motor Fazzio Belok Kiri.

-----

Kendaraan Avanza Sisa Bensin : 20
Kendaraan anda adalah Avanza dengan warna Silver
Mobil Avanza Bisa Berjalan!
Kendaraan Avanza Belok Kanan.
Kendaraan Avanza Belok Kiri.

-----

Kendaraan Ayla Sisa Bensin : 0
Kendaraan anda adalah Ayla dengan warna Hitam
Mobil Ayla
Bensin habis! Mobil tidak bisa berjalan!
Kendaraan Ayla Belok Kanan.
Kendaraan Ayla Belok Kiri.

-----

```