

LAPORAN 5

Pemrograman Berioorientasi Objek

“Objek”



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MAKASSAR
2015

LEMBAR PENILAIAN PRAKTIKUM

Nama : Panji Akbar

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Praktikum : Pemrograman berorientasi objek...

Judul praktikum : OBJEK.....

No	Komponen penilaian	Nilai
I.	Nilai Kehadiran (100)	
II.	Nilai Pelaksanaan praktikum (100)	
	A. Kedisiplinan (25)	
	B. Keterampilan menggunakan Komputer/software/jaringan (40)	
	C. Keaktifan (25)	
	D. Dan lain ... lain (10)	
III.	Nilai laporan praktikum (100)	
TOTAL (300)		

Tanggal praktikum :

Dikumpulkan tanggal :

Dikoreksi tanggal :

Asisten Praktikum,

.....

LEMBAR PENGESAHAN/ACC PRAKTIKUM

Laporan praktikum pemrograman berorientasi objek dengan judul Pengenalan operator yang disusun oleh :

Nim : 60200112059

Nama : Panji Akbar

Kelas : C

Kelompok :

Telah diperiksa dan dikonsultasikan kepada Asisten I dan Asisten II
maka dinyatakan diterima

Makassar,

Asisten I

Asisten II

Gunawan, S.Kom

Mudassir

Mengetahui,
Dosen Penanggung Jawab

Nur Afif, S.T., M.T

Dasar Teori

Object adalah instance dari class. Jika class secara umum merepresentasikan (template) sebuah object, sebuah instance adalah representasi nyata dari class itu sendiri. Contoh : Dari class Fruit kita dapat membuat object Mangga, Pisang, Apel dan lainlain. *Objek* adalah kesatuan entitas(benda) yang merupakan representasi nyata dari sebuah kelas. Hubungan antara Kelas dan Objek Pada Java ini bisa dianaloginkan seperti cetakan roti dan roti hasil cetakan itu sendiri.

```
package praktikum_5;

class titik {
    public int x;
    public int y;
    public titik(){
        x=0;
        y=0;
    }
}

public class argument {
    public static void passingprimitif(int i){
        i=5;
    }
    public static void passingObject(titik t){
        t.x=4;
        t.y=5;
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int i=5;
        passingprimitif(i);
        System.out.println(i);

        titik t= new titik();
        passingObject(t);
        System.out.println(t.x + " "+t.y);
    }
}
```

ument2.java - Eclipse

h Project Run Window Help

Model.java CobaLayoutA... praktikum23.... argument.java argument2.java »

```
1 package praktikum_5;
2
3 public class argument2 {
4
5     public static void argumentArray (int[] args) {
6         System.out.println(args[0]+"," + args[1]+","+args[2]);
7     }
8
9     public static void argumengtSembarang(int... args) {
10        System.out.println(args[0]+"," + args[1]+","+args[2]);
11    }
12
13    }
14    public static void main(String[] args) {
15        int i[]={1,2,3};
16        argumentArray(i);
17        argumengtSembarang(i);
18    }
19
20 }
21
22
23 }
24
```

Problems Javadoc Declaration Search Console »

<terminated> argument2 (1) [Java Application] C:\Program Files\Java\jre1.8.0_25\bin\javaw.exe (Jun 27, 2015, 9:22:36 AM)

1,2,3
1,2,3

CobaLayoutA...praktikum23...argument.javaargument2.javahewan3.java

1package praktikum_5;
2
3public class hewan3 {
4 public static int jumlah_hewan=0;
5 public String spesies;
6 public static void tambah_hewan(){
7 jumlah_hewan++;
8 }
9
10
11 public static void main(String[] args) {
12 // TODO Auto-generated method stub
13 hewan3 objekHewan = new hewan3();
14 objekHewan.spesies="meong";
15 hewan3.tambah_hewan();
16 System.out.println(hewan3.jumlah_hewan);
17
18 hewan3 objekHewan2 = new hewan3();
19 objekHewan2.spesies="cokie";
20 hewan3.tambah_hewan();
21 System.out.println(hewan3.jumlah_hewan);
22
23 System.out.println(objekHewan.jumlah_hewan);
24 System.out.println(objekHewan2.jumlah_hewan);
25 //System.out.println();
26
27 }
28 }
29 }

ProblemsJavadocDeclarationSearchConsole

<terminated> hewan3 (1) [Java Application] C:\Program Files\Java\jre1.8.0_25\bin\javaw.exe (Jun 27, 2015, 9:24:46 AM)
2
2
2

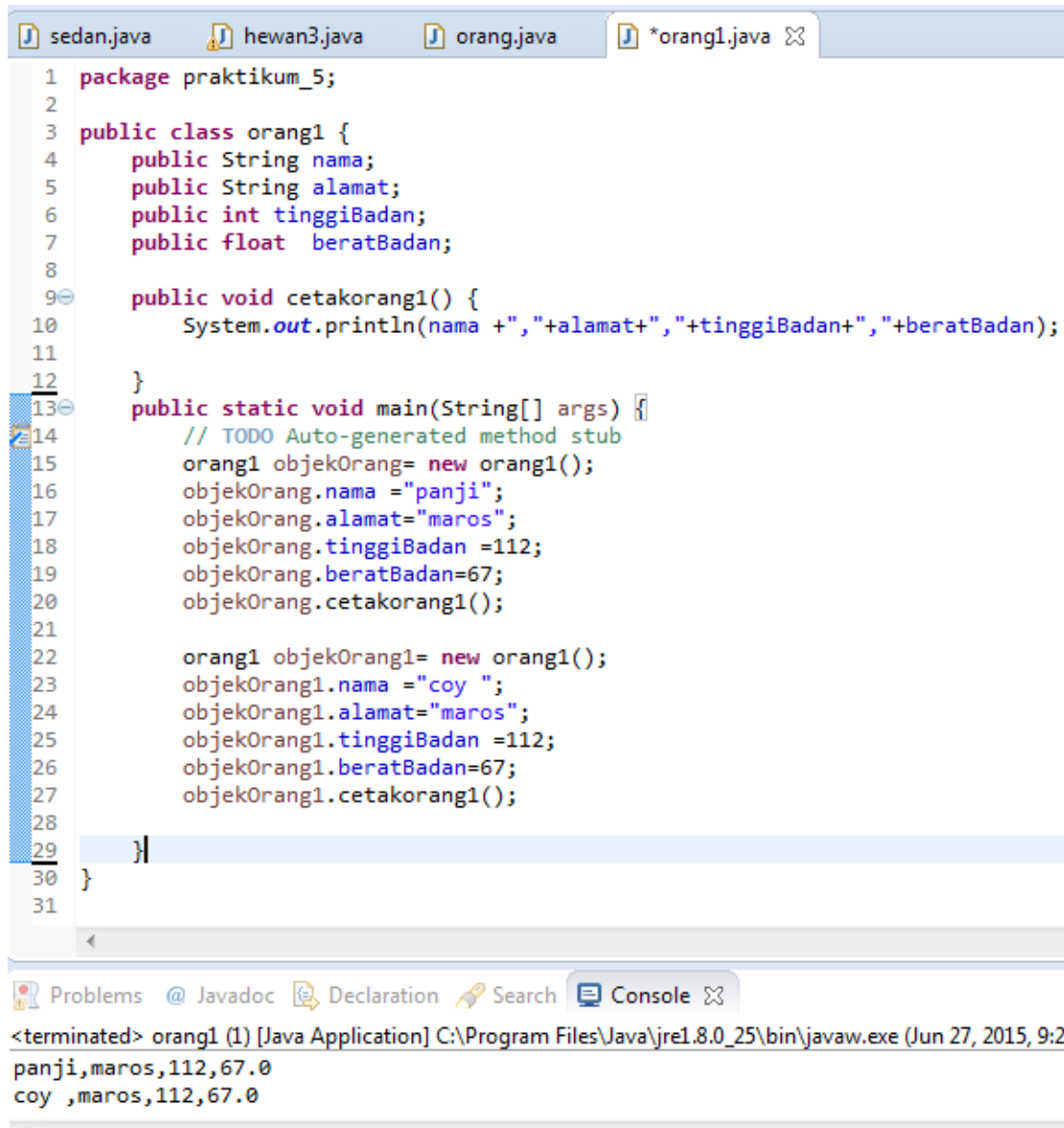
```
sedan.java  hewan3.java  orang.java  ⌵
1 package praktikum_5;
2
3 public class orang {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         orang objekorang = new orang();
8         Hewan objekHewan = null;
9
10        if (objekorang instanceof orang){
11            System.out.println("objek orang adl instan dari kelas "+ " Orang ");
12        }
13        if (objekHewan == null){
14            System.out.println("objek Hewan belum d instalalasi ");
15        }
16
17    }
18 }
19
20 }
21 class Hewan {
22
23 }
24
```

Problems @ Javadoc Declaration Search Console ⌵

<terminated> orang (1) [Java Application] C:\Program Files\Java\jre1.8.0_25\bin\javaw.exe (Jun 27, 2015, 9:25:37 AM)

objek orang adl instan dari kelas Orang

objek Hewan belum d instalalasi



The screenshot shows an IDE with a tabbed interface at the top containing four files: `sedan.java`, `hewan3.java`, `orang.java`, and `*orang1.java`. The `*orang1.java` tab is active, displaying the following Java code:

```
1 package praktikum_5;
2
3 public class orang1 {
4     public String nama;
5     public String alamat;
6     public int tinggiBadan;
7     public float beratBadan;
8
9     public void cetakorang1() {
10         System.out.println(nama + "," + alamat + "," + tinggiBadan + "," + beratBadan);
11     }
12
13     public static void main(String[] args) {
14         // TODO Auto-generated method stub
15         orang1 objekOrang= new orang1();
16         objekOrang.nama ="panji";
17         objekOrang.alamat="maros";
18         objekOrang.tinggiBadan =112;
19         objekOrang.beratBadan=67;
20         objekOrang.cetakorang1();
21
22         orang1 objekOrang1= new orang1();
23         objekOrang1.nama ="coy ";
24         objekOrang1.alamat="maros";
25         objekOrang1.tinggiBadan =112;
26         objekOrang1.beratBadan=67;
27         objekOrang1.cetakorang1();
28     }
29 }
30
31
```

At the bottom of the IDE, there is a toolbar with icons for Problems, Javadoc, Declaration, Search, and Console. The Console tab is selected, showing the following output:

```
<terminated> orang1 (1) [Java Application] C:\Program Files\Java\jre1.8.0_25\bin\javaw.exe (Jun 27, 2015, 9:2)
panji,maros,112,67.0
coy ,maros,112,67.0
```


sedan.java hewan3.java orang.java orang1.java tumbuahan.java

```
1 package praktikum_5;
2
3 public class tumbuahan {
4     private String name;
5     private int lebar;
6
7     private tumbuahan (String name,int lebar) {
8         name=name;
9         lebar=lebar;
10
11     }
12
13     public tumbuahan() {
14         // TODO Auto-generated constructor stub
15     }
16     private void cetak1(){
17         System.out.println(name+" "+lebar);
18     }
19
20     public static void main(String[] args) {
21         tumbuahan apa = new tumbuahan();
22         apa.cetak1();
23         tumbuahan ada = new tumbuahan ("bjuj",29);
24         apa.cetak1();
25
26     }
27
28 }
```

Problems Javadoc Declaration Search Console

<terminated> tumbuahan (1) [Java Application] C:\Program Files\Java\jre1.8.0_25\bin\javaw.exe (Jun 27, 201
null 0
null 0

```
sedan.java hewan3.java *Tumbuhan.java ✖
1 package praktikum_5;
2
3 public class Tumbuhan {
4     public void tanam() {
5         System.out.println("tanam 1");
6     }
7     public void tanam(String nama) {
8         System.out.println("tanam 2");
9     }
10
11     public void tanam(int nama) {
12         System.out.println("tanam 3");
13     }
14     public void tanam(long nama) {
15         System.out.println("tanam 4");
16     }
17     public String tanam(String nama,int tanam) {
18         return "tanam 5";
19     }
20     public static void main(String[] args) {
21         Tumbuhan tumbuh = new Tumbuhan();
22         tumbuh.tanam();
23         tumbuh.tanam("sayur_coy");
24         tumbuh.tanam(67);
25         tumbuh.tanam(112);
26         System.out.println(tumbuh.tanam("sayur",6));
27     }
28 }
```

Problems @ Javadoc Declaration Search Console ✖

<terminated> Tumbuhan (1) [Java Application] C:\Program Files\Java\jre1.8.

tanam 2
tanam 3
tanam 3
tanam 5