

Nama : Heru Subakti
Nim : 20210040071
Kelas : TI21A

Praktikum-inheritance

Tugas percobaan 4

```
import java.util.Date;

public class Employee {
    private static final double BASE_SALARY = 15000.00;
    private String Name = "";
    private double Salary = 0.0;
    private Date birthDate;

    public Employee(String name, double salary, Date DoB) {
        this.Name=name;
        this.Salary=salary;
        this.birthDate=DoB;
    }

    public Employee(String name,double salary){
        this(name,salary,null);
    }

    public Employee(String name, Date DoB) {
        this(name, BASE_SALARY, DoB);
    }

    public Employee(String name){
        this(name, BASE_SALARY);
    }

    public String GetName(){ return Name;}
    public double GetSalary(){ return Salary; }
    public Date GetBirthDate(){return birthDate; }
}

class Manager extends Employee {
    //tambahan attributte untuk kelas manager
    private String department;
```

```
private String department;

public Manager(String name, double salary, Date DoB) {
    super(name, salary, DoB);
}

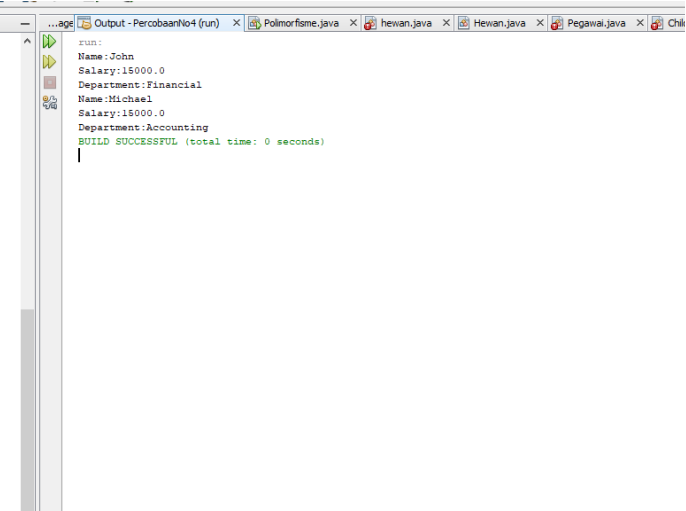
public Manager(String n,String dept) {
    super(n);
    department=dept;
}

public Manager(String dept, int par, String financial){
    super(dept);
    department=dept;
}

public String GetDept(){
    return department;
}

class TestManager {
    public static void main(String[] args) {
        Manager Utama = new Manager("John","Financial");
        System.out.println("Name:"+ Utama.GetName());
        System.out.println("Salary:"+ Utama.GetSalary());
        System.out.println("Department:"+ Utama.GetDept());

        Utama = new Manager("Michael","Accounting");
        System.out.println("Name:"+ Utama.GetName());
        System.out.println("Salary:"+ Utama.GetSalary());
        System.out.println("Department:"+ Utama.GetDept());
    }
}
```



The screenshot shows a Java IDE's output window titled "Output - PercobaanNo4 (run)". The window contains the following text:

```
run:
Name:John
Salary:15000.0
Department:Financial
Name:Michael
Salary:15000.0
Department:Accounting
BUILD SUCCESSFUL (total time: 0 seconds)
```

The IDE interface includes a toolbar with icons for running, debugging, and other actions, and a list of open files at the top: "Polemorfisme.java", "hewan.java", "Hewan.java", "Pegawai.java", and "Chili".

Pada Percobaan berikut ini menunjukkan penggunaan kelas Employee dan subkelas Manager yang merupakan turunannya. Kelas TestManager digunakan untuk menguji Jalannya Sebuah Program Tersebut.