

# **Tugas Pemrograman Berbasis Objek**



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```

Id      = 1
Nama    = Joko
Departement    = R/D
Gaji    = 1250.0
Bonus   = 20.5

Id      = 2
Nama    = Widodo
Departement    = IS
Gaji    = 1300.5
Bonus   = 300.0

Id      = 2
Nama    = Joko
Departement    = Accounting
Gaji    = 1250.0
Bonus   = 100.5

Manager 1 dan Manager 3 memiliki nama yang sama
Maximum Salary : 1600.5

```

## 1. Pegawai.java

```

public class Pegawai {
    private int id;
    private String name;
    private String departement;
    private double gaji;

    public Pegawai(){

    }

    public Pegawai(int id, String name, String departement,
double gaji){
        // this.id = id;
        // this.name = name;
        // this.departement = departement;
        // this.gaji = gaji;
        setId(id);
        setName(name);
        setDepartement(departement);
        setGaji(gaji);
    }

    public int getId(){
        return id;
    }
    public void setId(int id){
        this.id = id;
    }
}

```

```

    public String getName(){
        return name;
    }

    public void setName(String name){
        this.name = name;
    }

    public String getDepartement(){
        return departement;
    }
    public void setDepartement(String departement){
        this.departement = departement;
    }

    public double getGaji(){
        return gaji;
    }
    public void setGaji(double gaji){
        this.gaji = gaji;
    }

    public void display(){
        System.out.println("Id\t = " + id);
        System.out.println("Nama\t = " + name);
        System.out.println("Departement\t = " +
departement);
        System.out.println("Gaji\t = " + gaji);
    }
}

```

## 2. Manager.java

```

public class Manager extends Pegawai{
    private double bonus;

    public Manager(){

    }
    public Manager(int id, String name, String departement,
double gaji, double bonus){
        super(id, name, departement, gaji);
        this.bonus = bonus;
        //setBonus(bonus);
    }

    public double getBonus(){
        return bonus;
    }
}

```

```

    }

    public void setBonus(double bonus){
        this.bonus = bonus;
    }

    public double computeSel(){
        return getGaji()+bonus;
    }

    public void accept(int id, String name, String
departement, double gaji, double bonus){
        setId(id);
        setName(name);
        setDepartement(departement);
        setGaji(gaji);
        setBonus(bonus);
    }

    public void display(){
        super.display();
        System.out.println("Bonus\t = "+ bonus);
    }
}

```

### 3. TesPegawai.java

```

public class TesPegawai {
    public static boolean isNamaSama(Manager p1, Manager
p2){
        String namaP1 = p1.getName().toLowerCase();
        String namaP2 = p2.getName().toLowerCase();
        if(namaP1.equals(namaP2)){
            return true;
        }else return false;
    }

    public static double max2(double a, double b){
        if(a > b){
            return a;
        }else return b;
    }

    public static void main(String[]args) {
        Manager e[] = new Manager[3];
        e[0] = new Manager();
    }
}

```

```

        e[1] = new Manager(2, "Widodo", "IS", 1300.50,
300.00);
        e[2] = new Manager(2, "Joko", "Accounting", 1250.00,
100.50);
        e[0].accept(1, "Joko", "R/D", 1250.0, 20.5);

        //buat loop
        for(int i = 0; i <= 2; i++){
            e[i].display();System.out.println("");
        }

        System.out.print("Manager 1 dan Manager 3 memiliki
nama yang ");
        if(isNamaSama(e[0], e[2])){
            System.out.println("sama");
        }else System.out.println("tidak sama");

        if(e[0].computeSel() > max2(e[1].computeSel(),
e[2].computeSel())){
            System.out.println("Maximum Salary : "+
e[0].computeSel());
        }else if(e[1].computeSel() > max2(e[0].computeSel(),
e[2].computeSel())){
            System.out.println("Maximum Salary : "+
e[1].computeSel());
        }else System.out.println("Maximum Salary : "+
e[2].computeSel());

    }
}

```