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/*
Nama : Mualif Ulil Misbakh;
Nim : 18.01.53.0009;
Mata Kuliah : Pemrograman Berorientasi Objek(PBO);
Ujian : UAS
*/

import com.pbo.uas.*;

class main {
    public static void main(String[] args) {
        Pegawai pegawai = new Pegawai();
        pegawai.setData("Ulil", "Staff umum", 2000000);
        pegawai.getInfo();
        System.out.println("=====");
        Manager manager = new Manager();
        manager.setData("Mualif", "Manager Litbang", 2000000, 200000);
        manager.getInfo();
        System.out.println("=====");
        Executive executive = new Executive();
        executive.setData("Misbakh", "Executive Manager", 5000000, manager.getGaji());
        executive.getInfo();
        System.out.println("=====");
        Sekretaris sekretaris = new Sekretaris();
        sekretaris.setData("John Doe", "Sekretaris", 2500000, 250000);
        sekretaris.getInfo();
        System.out.println("=====");
        Programmer programmer = new Programmer();
        programmer.setData("UlilM", "Programmer", 2000000);
    }
}

package com.pbo.uas;

public class Pegawai{
    protected String nama, jabatan;
    protected double gaji;

    public void setData(String nama, String jabatan, double gaji){
        this.nama = nama;
        this.jabatan = jabatan;
        this.gaji = gaji;
    }

    double getGaji(){
        return gaji;
    }

    public void getInfo(){
        System.out.println("Nama : "+ nama);
        System.out.println("Jabatan : "+jabatan);
        System.out.println("Gaji : "+gaji);
    }
}

package com.pbo.uas;

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public class Manager extends Pegawai{
    double tunjangan;

    // @Overloading
    public void setData(String nama, String jabatan, double gaji, double tunjangan) {
        super.setData(nama, jabatan, gaji);
        this.tunjangan = tunjangan;
    }
    public double getGaji(){
        return (gaji*2)+tunjangan;
    }

    @Override
    public void getInfo() {
        // TODO Auto-generated method stub
        super.getInfo();
        System.out.println("Tunjangan : "+tunjangan);
    }
}

package com.pbo.uas;

public class Sekretaris extends Pegawai{
    double upahLembur;

    public void setData(String nama, String jabatan, double gaji, double upahLembur) {
        // TODO Auto-generated method stub
        super.setData(nama, jabatan, gaji);
        this.upahLembur = upahLembur;
    }

    double getGaji(){
        return gaji+upahLembur;
    }

    public void getInfo(){
        super.getInfo();
        System.out.println("Upah Lembur : "+upahLembur);
    }
}

package com.pbo.uas;

public class Executive extends Pegawai{

    double gajiManager;
    public void setData(String nama, String jabatan, double gaji, double gajiManager) {
        // TODO Auto-generated method stub
        super.setData(nama, jabatan, gaji);
        this.gajiManager = gajiManager;
    }

    double totalGaji = ((0.5*gajiManager)+gaji);

    double getGaji(){
        return totalGaji;
    }
}

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@Override
public void getInfo() {
    // TODO Auto-generated method stub
    super.getInfo();
    System.out.println("Total Gaji : "+((0.5*gajiManager)+gaji));
}
}

```

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package com.pbo.uas;

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public class Programmer extends Pegawai{
    @Override
    public void setData(String nama, String jabatan, double gaji) {
        // TODO Auto-generated method stub
        super.setData(nama, jabatan, gaji);
    }

    @Override
    public void getInfo() {
        // TODO Auto-generated method stub
        super.getInfo();
    }
}

```