# TUGAS PEMROGRAMAN BERBASIS OBJEK



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#### Inheritence 1

## Class Pegawai

```
eritence1 > Pegawaijava > ...

package Inheritence1;
   Windsurf: Refactor | Explain

public class Pegawai {
    protected String nip;
    protected String alamat;

public Pegawai(String nip, String nama, String alamat) {
        this.nip = nip;
        this.nama = nama;
        this.alamat = alamat;
    }

Windsurf: Refactor | Explain | Generate Javadoc | ×

public String getNama() {
        return this.nama;
    }

Windsurf: Refactor | Explain | Generate Javadoc | ×

public int getGaji() {
        return 2000000;
    }
}
```

## Class Dosen

## Class DaftarGaii

```
package Inheritence1;
public class DaftarGaji {
   private Pegawai[] listPegawai;
   private int jumlahPegawaiSaatIni;
   public DaftarGaji(int kapasitas) {
       listPegawai = new Pegawai[kapasitas];
        jumlahPegawaiSaatIni = 0;
   public void addPegawai(Pegawai p) {
        if (jumlahPegawaiSaatIni < listPegawai.length) {</pre>
            listPegawai[jumlahPegawaiSaatIni] = p;
            jumlahPegawaiSaatIni++;
           System.out.println(x:"Kapasitas daftar gaji sudah penuh!");
   public void printSemuaGaji(){
        for (int i = 0; i < jumlahPegawaiSaatIni; i++) {</pre>
            Pegawai p = listPegawai[i];
            System.out.println("Nama: " + p.getNama() + " -> Gaji: " + p.getGaji());
```

## Class Main

#### Output

```
\bin` 'Inheritence1.Main'
Nama: Budi -> Gaji: 2000000
Nama: Dr. Citra -> Gaji: 1440000
Nama: Prof. Dian -> Gaji: 1200000
PS D:\KULIAH\Tingkat 2\Praktikum P
```

#### Inheritence 2

#### **Class Komputer**

```
package Inheritence2;
public class Komputer {
   public String merk;
   public int kecProsesor;
  public int sizeMemory;
   public String jnsProsesor;
    public Komputer() {
    public Komputer(String merk, int kecProsesor, int sizeMemory, String jnsProsesor) {
       this.merk = merk;
        this.kecProsesor = kecProsesor;
        this.sizeMemory = sizeMemory;
        this.jnsProsesor = jnsProsesor;
    public void tampilData() {
     System.out.println("Merk
                                                  : " + merk);
       System.out.println("Kecepatan Prosesor : " + kecProsesor + " GHz");
       System.out.println("Ukuran Memory : " + sizeMemory + " GB");
System.out.println("Jenis Prosesor : " + jnsProsesor);
```

### Class Laptop

```
package Inheritence2;

Windsurf: Refactor | Explain
public class Laptop extends Komputer {
    public String jnsBatrai;
    public Laptop(){

    }

    public Laptop(String merk, int kecProsesor, int sizeMemory, String jnsProsesor, String jnsBatrai) {
        super(merk, kecProsesor, sizeMemory, jnsProsesor);
        this.jnsBatrai = jnsBatrai;
    }

    Windsurf: Refactor | Explain | Generate Javadoc | ×

    public void tampilLaptop() {
        super.tampilData();
        System.out.println("Jenis Baterai : " + jnsBatrai);
    }
}
```

#### Class Pc

#### Class Mac

#### Class Windows

#### Class Main

```
nheritence2 > Mainjava > Mai
```

#### Output

```
DATA SPESIFIKASI
  _____
   ----- DATA PC -----
Merk
                : ASUS ROG
Kecepatan Prosesor : 4 GHz
Ukuran Memory
                : 16 GB
Jenis Prosesor : Intel Core i9
Ukuran Monitor : 27 inci
----- Data Mac
Merk
                : MacBook Pro
Kecepatan Prosesor : 3 GHz
Ukuran Memory : 16 GB
Jenis Prosesor
                : Apple M2
Jenis Baterai : Lithium-polymer
Security
                : T2 Security Chip
  ----- DATA WINDOWS -----
                : Dell XPS
Merk
Kecepatan Prosesor : 3 GHz
Ukuran Memory
                : 32 GB
Jenis Prosesor
                : Intel Core i7
               : Lithium-ion
Jenis Baterai
                : Windows Hello
Fitur
PS D:\KULIAH\Tingkat 2\Praktikum PBO\program-
```