Tugas Prak. Pemrograman Berorientasi Objek

Untuk Memenuhi Tugas Prak. Pemrograman Berorientasi Objek

Oleh:

Nama : Michael Danu Ekklasiya

NPM : 4522210056

Dosen:

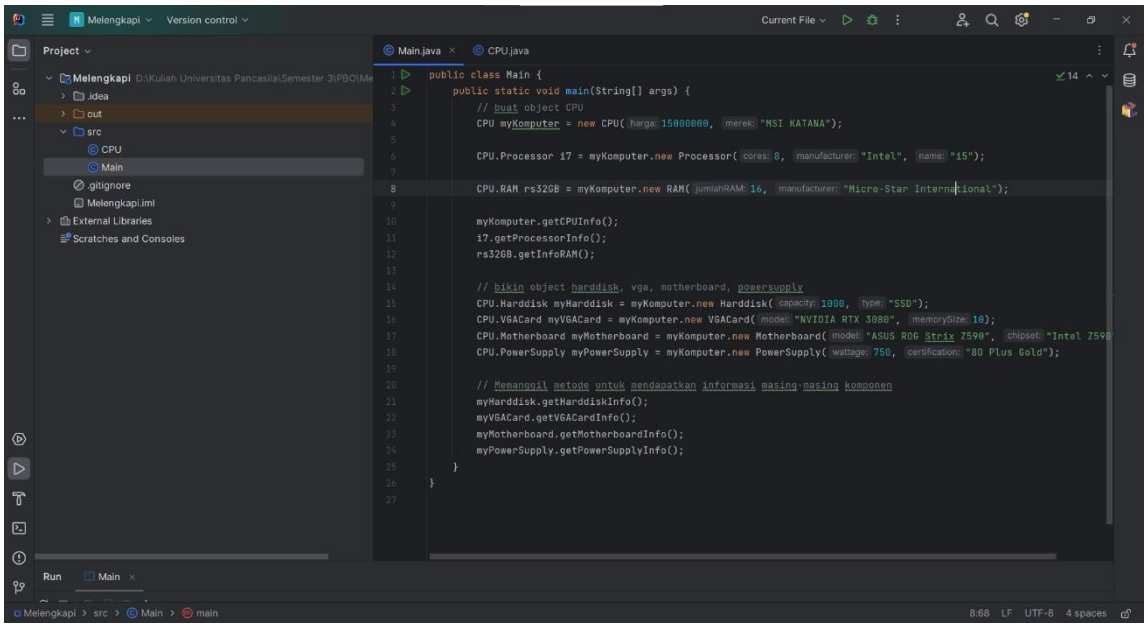
ADI WAHYU PRIBADI,S.Si.,M.Kom

S1-Teknik Informatika

Fakultas Teknik Universitas Pancasila

2022/2023

Main.java

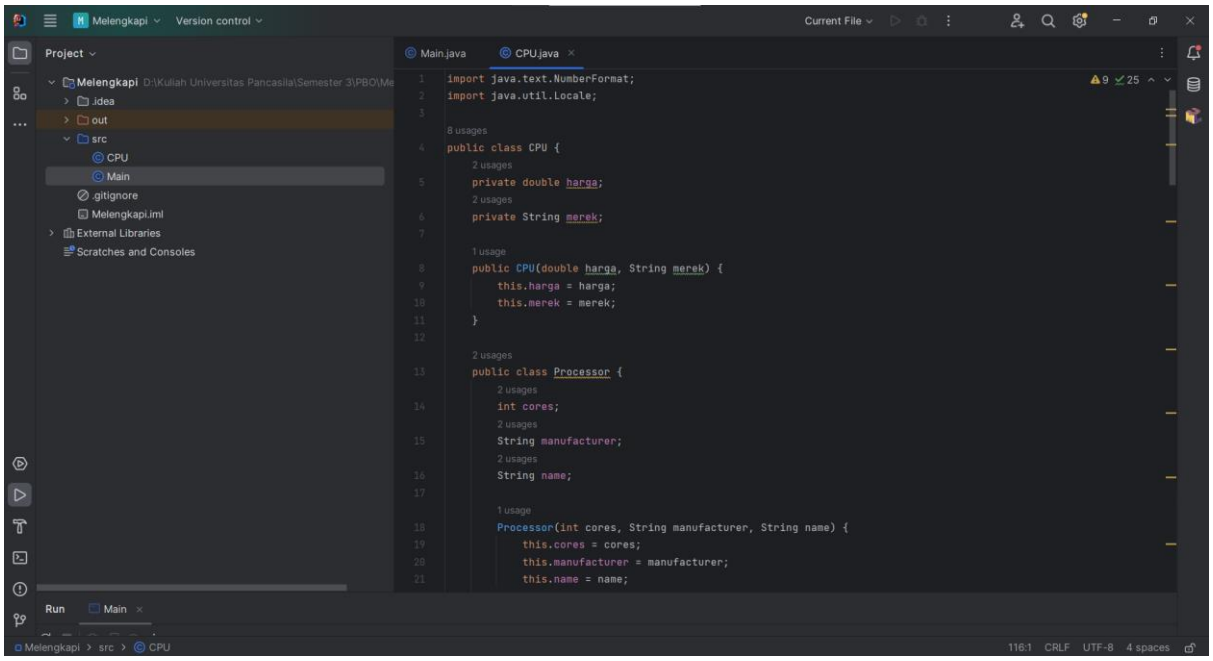


Bagian Object yang telah di lengkapi // bikin object harddisk, vga, motherboard, powersupply

```
// bikin object harddisk, vga, motherboard, powersupply
CPU.Harddisk myHarddisk = myKomputer.new Harddisk( capacity: 1000,  type: "SSD");
CPU.VGACard myVGACard = myKomputer.new VGACard( model: "NVIDIA RTX 3080",  memorySize: 10);
CPU.Motherboard myMotherboard = myKomputer.new Motherboard( model: "ASUS ROG Strix Z590",  chipset: "Intel Z590"
CPU.PowerSupply myPowerSupply = myKomputer.new PowerSupply( wattage: 750,  certification: "80 Plus Gold");

// Memanggil metode untuk mendapatkan informasi masing-masing komponen
myHarddisk.getHarddiskInfo();
myVGACard.getVGACardInfo();
myMotherboard.getMotherboardInfo();
myPowerSupply.getPowerSupplyInfo();
```

CPU.java



Bagian Yang Di lengkapi // inner class Harddisk // inner class Motherboard // inner class PowerSuply // inner class VGACard

// inner class Harddisk

```
public class Harddisk {
    2 usages
    int capacity;
    2 usages
    String type;

    1 usage
    Harddisk(int capacity, String type) {
        this.capacity = capacity;
        this.type = type;
    }

    1 usage
    public void getHarddiskInfo() {
        System.out.println("Kapasitas Harddisk: " + this.capacity + " GB");
        System.out.println("Tipe: " + this.type);
    }
}
```

// inner class Motherboard

```
public class Motherboard {
    2 usages
    String model;
    2 usages
    String chipset;

    1 usage
    Motherboard(String model, String chipset) {
        this.model = model;
        this.chipset = chipset;
    }

    1 usage
    public void getMotherboardInfo() {
        System.out.println("Model Motherboard: " + this.model);
        System.out.println("Chipset: " + this.chipset);
    }
}
```

// inner class PowerSuply

```
public class PowerSupply {
    2 usages
    int wattage;
    2 usages
    String certification;

    1 usage
    PowerSupply(int wattage, String certification) {
        this.wattage = wattage;
        this.certification = certification;
    }

    1 usage
    public void getPowerSupplyInfo() {
        System.out.println("Daya Listrik: " + this.wattage + " Watt");
        System.out.println("Sertifikasi: " + this.certification);
    }
}
```

// inner class VGACard

```java
public class VGACard {
    2 usages
    String model;
    2 usages
    int memorySize;

    1 usage
    VGACard(String model, int memorySize) {
        this.model = model;
        this.memorySize = memorySize;
    }

    1 usage
    public void getVGACardInfo() {
        System.out.println("Model VGACard: " + this.model);
        System.out.println("Ukuran Memori: " + this.memorySize + " GB");
    }
}
```

Hasil Akhir Running