

Nama : Riska Vany Dewi

NIM : 2311103111

Kelas : S1SI-07-C

Kelas Komputer

```
package riska.vany.dewi_2311103111;

abstract class Komputer {
    protected int jumlahKomputer;
    protected String namaWarnet;
    protected float hargaPerJam;

    public Komputer(int jumlahKomputer, String namaWarnet, float hargaPerJam){
        this.jumlahKomputer = jumlahKomputer;
        this.namaWarnet = namaWarnet;
        this.hargaPerJam = hargaPerJam;
    }

    public abstract void informasi();
}
```

Kelas KomputerVIP

```
class KomputerVIP extends Komputer {
    protected boolean vipCard;

    public KomputerVIP(int jumlahKomputer, String namaWarnet, float hargaPerJam){
        super(jumlahKomputer, namaWarnet, hargaPerJam);
    }
}
```

@Override

```
public void informasi(){
```

```
    System.out.println("INFORMASI KOMPUTER:");
```

```
    System.out.println("Jumlah Komputer : " +jumlahKomputer);
```

```
    System.out.println("Nama Warnet    : " +namaWarnet);
```

```
    System.out.println("Harga Per Jam   : " +hargaPerJam);
```

```
    System.lineSeparator();
```

```
    System.out.println("Benefit Member VIP:");
```

```
    if (vipCard) {
```

```
        System.out.println("Status      : Member VIP");
```

```
        System.out.println("- Diskon 10% untuk bermain di atas 3 jam");
```

```
        System.out.println("- Gratis minuman setiap 4 jam bermain");
```

```
        System.out.println("- Prioritas booking komputer gaming");
```

```
    }else{
```

```
        System.out.println("Status      : Non VIP");
```

```
        System.out.println("Maaf, tidak ada benefit");
```

```
    }
```

```
}
```

```
public void login(){
```

```
    System.out.println("Login dengan username: Asep");
```

```
}
```

```
public void bermain(){
```

```
    System.out.println("Bermain selama 2 jam");
```

```
}
```

```
public void bermain(int jam, int menitTambahan){
```

```
    System.out.println("Nambah billing selama 2 jam 3 menit");
```

```
}  
}
```

Kelas KomputerPremium

```
class KomputerPremium extends Komputer{  
    protected boolean ruangPrivat;  
  
    public KomputerPremium(int jumlahKomputer, String namaWarnet, float hargaPerJam){  
        super(jumlahKomputer, namaWarnet, hargaPerJam);  
    }  
  
    @Override  
    public void informasi(){  
        System.out.println("INFORMASI KOMPUTER:");  
        System.out.println("Jumlah Komputer : " +jumlahKomputer);  
        System.out.println("Nama Warnet    : " +namaWarnet);  
        System.out.println("Harga Per Jam   : " +hargaPerJam);  
        System.lineSeparator();  
  
        if (ruangPrivat) {  
            System.out.println("Status      : Ruangan Premium");  
            System.out.println("Fasilitas Ruang Premium:");  
            System.out.println("- Ruangan ber-AC pribadi");  
            System.out.println("- Sofa gaming exclusive");  
            System.out.println("- Koneksi internet dedicated 100Mbps");  
        }else{  
            System.out.println("Status      : Ruangan Standart");  
            System.out.println("Fasilitas Ruang Standart:");  
            System.out.println("- Ruangan gerah");  
        }  
    }  
}
```

```

        System.out.println("- Sofa majapahit");

        System.out.println("- Koneksi internet dedicated 1Mbps");
    }
}

public void pesan(){
    System.out.println("Memesan komputer nomor : 5");

}

public void tambahLayanan(){
    System.out.println("Menambah layanan makanan : Mie Goreng");
}

public void tambahLayanan(String makanan, String minuman){
    System.out.println("Menambah layanan makanan : Mie goreng dan minuman: Es
Teh");
}
}

```

Kelas Main

```

import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        System.out.println("INFORMASI KOMPUTER:");
        System.out.println("Jumlah Komputer : 20");
        System.out.println("Nama Warnet : Warnet Gaming X");
        System.out.println("Harga Per Jam : Rp.5000.0");
        System.out.println("=====");
    }
}

```

```
KomputerVIP vip = new KomputerVIP (15, "Warnet Gaming X", 7000);
```

```
vip.informasi();
```

```
vip.login();
```

```
vip.bermain();
```

```
vip.bermain(2, 3);
```

```
KomputerPremium premium = new KomputerPremium (5, "Warnet Gaming X", 10000);
```

```
premium.informasi();
```

```
premium.pesan();
```

```
premium.tambahLayanan();
```

```
premium.tambahLayanan("mie goreng", "es teh");
```

```
}
```

```
}
```

Output

```
Output - Riska Vany Dewi_2311103111 (run)

run:
INFORMASI KOMPUTER:
Jumlah Komputer : 20
Nama Warnet      : Warnet Gaming X
Harga Per Jam    : Rp.5000.0
=====
INFORMASI KOMPUTER:
Jumlah Komputer : 15
Nama Warnet      : Warnet Gaming X
Harga Per Jam    : 7000.0
Benefit Member VIP:
Status           : Non VIP
Maaf, tidak ada benefit
Login dengan username: Asep
Bermain selama 2 jam
Nambah billing selama 2 jam 3 menit
INFORMASI KOMPUTER:
Jumlah Komputer : 5
Nama Warnet      : Warnet Gaming X
Harga Per Jam    : 10000.0
Status           : Ruang Standard
Fasilitas Ruang Standard:
- Ruang gerah
- Sofa majapahit
- Koneksi internet dedicated 1Mbps
 Memesan komputer nomor : 5
 Menambah layanan makanan : Mie Goreng
 Menambah layanan makanan : Mie goreng dan minuman: Es Teh
BUILD SUCCESSFUL (total time: 0 seconds)
|
```