

LAPORAN PRAKTIKUM
PEMROGRAMAN BERORIENTASI OBJEK
MODUL 2
MATERI PEMILIHAN & PERULANGAN



Oleh :

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S1SI-07C

PROGRAM STUDI S1 SISTEM INFORMASI
FAKULTAS REKAYASA INDUSTRI
UNIVERSITAS TELKOM PURWOKERTO
2024

Source code:

1. Komputer

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change
 this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package oop_anggitrefiyan_2311103142;

/**
 *
 * @author Anggit Refiyan
 * 2311103142
 * 7c
 */
public 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 void informasi(){
        System.out.println("INFORMASI KOMPUTER");
        System.out.println("Jumlah Komputer : " + jumlahKomputer);
        System.out.println("Nama Warnet : " + namaWarnet);
        System.out.println("Harga Perjam : " + hargaPerjam);
    }
}
```

2. KomputerVIP

```
/*
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 this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package oop_anggitrefiyan_2311103142;

/**
 *
 * @author Anggit Refiyan
 * 2311103142
```

```

* 7c
*/
public class KomputerVIP extends Komputer{
    protected boolean vipCard;

    public KomputerVIP(int jumlahKomputer, String namaWarnet, float hargaPerjam, boolean
vipCard){
        super(jumlahKomputer, namaWarnet, hargaPerjam);
        this.vipCard = vipCard;
    }

    @Override
    public void informasi(){
        if(vipCard){
            System.out.println("benefit vip");
            System.out.println("-diskon 10% bermain diatas 3 jam");
            System.out.println("-gratis minuman setiap 4 jam bermain");
            System.out.println("-prioritas komputer gaming");
        } else {
            System.out.println("jangan ngarep dapet benefit vip");
        }
    }

    public void login(String username){
        System.out.println("Login dengan username : " + username);
    }

    public void bermain(int jam){
        System.out.println("Bermain dengan selama " + jam);
    }

    public void bermain(int jam, int menitTambahan){
        System.out.println("Tambah biling selama" + jam + "jam" + menitTambahan + " menit");
    }
}

```

3. KomputerPremium

```

/*
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 */
package oop_anggitrefiyan_2311103142;

/**
 *
 * @author Anggit Refiyan
 * 2311103142
 * 7c

```

```

*/
public class KomputerPremium extends Komputer{
    protected boolean ruangPrivat;

    public KomputerPremium(int jumlahKomputer, String namaWarnet, float hargaPerjam,
boolean ruangPrivat){
        super(jumlahKomputer, namaWarnet, hargaPerjam);
        this.ruangPrivat = ruangPrivat;
    }

    @Override
    public void informasi(){
        if(ruangPrivat){
            System.out.println("fasilitas ruang premium");
            System.out.println("-ruangan ber-AC pribadi");
            System.out.println("-sofa gaming exclusive");
            System.out.println("-komputer spesifikasi tinggi");
            System.out.println("-koneksi internet dedicated 100mbps");
        } else {
            System.out.println("fasilitas ruang standar");
            System.out.println("-ruangan gerah");
            System.out.println("-sofa majapahit");
            System.out.println("-komputer spesifikasi rendah");
            System.out.println("-koneksi internet dedicated 1mbps");
        }
    }

    public void pesan(int nomorKomputer){
        System.out.println("Login dengan username : " + nomorKomputer);
    }

    public void tambahLayanan(String makanan){
        System.out.println("Tambah " + makanan);
    }

    public void tambahLayanan(String makanan, String minuman){
        System.out.println("Tambah " + makanan + "dan minuman: " + minuman);
    }
}

```

4. Main

```

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change
this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
 */
package oop_anggitrefiyan_2311103142;

/**

```

```

*
* @author Anggit Refiyan
* 2311103142
* 7c
*/
public class OOP_AnggitRefiyan_2311103142 {

    public static void main(String[] args) {
        System.out.println("VIP");
        KomputerVIP vip = new KomputerVIP(20,"Warnet Gaming X", 5000, true);
        vip.informasi();
        vip.login("Asep");
        vip.bermain(2);
        vip.bermain(2, 3);

        KomputerPremium premium = new KomputerPremium(5,"Warnet Gaming X", 10000,
true);
        premium.informasi();
        premium.pesan(5);
        premium.tambahLayanan("Mie goreng");
        premium.tambahLayanan("Mie goreng","es teh");

        System.out.println("NON");
        KomputerVIP nonvip = new KomputerVIP(15,"Warnet Gaming X", 5000, false);
        nonvip.informasi();
        nonvip.login("Asep");
        nonvip.bermain(2);
        nonvip.bermain(2, 3);

        KomputerPremium nonpremium = new KomputerPremium(5,"Warnet Gaming X",
10000, false);
        nonpremium.informasi();
        nonpremium.pesan(5);
        nonpremium.tambahLayanan("Mie goreng");
        nonpremium.tambahLayanan("Mie goreng","es teh");
    }

}

```

Hasil Running:

