TUGAS 7 PRAKTIKUM

"PEMROGRAMAN BERBASIS OBJEK "

OLEH

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Barang.java

```java
package id.ac.unand.fti.si.pbo;

public class Barang{
    public String nama;
    public String sku;
    public Integer jumlah;
    public Integer hargaBeli=0;
    public Integer hargaJual=0;
    private Double diskon=0.0;

    public Barang(){
    }

    public Barang(String sku,String nama){
        this.sku=sku;
        this.nama=nama;
    }

    public Barang(String sku,String nama,Integer hargajual,Integer hargabeli){
        this.sku=sku;
        this.nama=nama;
        this.hargaJual=hargajual;
        this.hargaBeli=hargabeli;
    }

    public void setHargaBeli(Integer n){
        if(n>0)
        this.hargaBeli=n;
    }

    public void setHargaJual(Integer n){
        if(n>0 && (this.hargaBeli < n ))
        this.hargaJual=n;
    }

    public void setDiskon(Double n){
        if(n>0)
        this.diskon=n;
    }

    public Integer getHargaBeli(){
        return hargaBeli;
    }

    public Integer getHargaJual(){
        return hargaJual;
    }
    public Double getDiskon(){
        return diskon;
    }


    public void tampilInfo(){
        System.out.println("Kode : " + sku );
        System.out.println("Nama : " + nama);
        System.out.println("Harga Jual : " +hargaJual);
        System.out.println("Harga Beli : " +hargaBeli);
        System.out.println("Jumlah : " + jumlah);
        System.out.println("Diskon : " + diskon);


    }
}
```

Transaksi.java

```java
package id.ac.unand.fti.si.pbo;

import java.time.LocalDate;

public class Transaksi {
    public String nama;
    public String sku;
    public Integer jumlahBarang=0;
    public Integer hargaBarang;
    private String noRef;
    String tanggal;

    Pelanggan pelanggan = new Pelanggan();
    Barang barang = new Barang();


    public String getNoRef(){
        return noRef;
    }
    public String getTanggal(){
        return tanggal;
    }

    public void setNoRef(){
        this.noRef = String.valueOf(System.currentTimeMillis());
    }

    public void setTanggal(){
        this.tanggal = LocalDate.now().toString();
    }
    public Transaksi(Pelanggan pelanggan){
        this.pelanggan = pelanggan;
    }

    public double hitungTotalBayar(){
        int n=jumlahBarang*barang.hargaJual;
        if(pelanggan.member==true){
            if(n<500_000){
                return n;
            }
            if(n<1000000){
                return n-n/100;
            }
            if(n<10000000){
                return n-n*3/100;
            }
            return n-n*5/100;
        }
        return n;
    }
}
```

Pelanggan.java

```java
package id.ac.unand.fti.si.pbo;

public class Pelanggan {
    public String nama;
    public Boolean member;

    public Pelanggan(){

    }

    public Pelanggan(String nama, Boolean member){
        this.nama = nama;
        this.member = member;
    }
}
```