

NAMA : Aditya Saputra  
NPM : 201843500528  
KELAS : S5G  
No. HP : 08982023313  
Hari, Tanggal : Selasa, 03 November 2020  
DOSEN : Agi Chandra Bramantia  
UTS PBO

Nama : Aditya Saputra  
Npm : 201843500528  
Kelas : 556  
No HP : 0898 2023 313

Dosen : Agi Candra Bramantia  
Materi : PBO  
Tanggal : 03, November 2020

```
1). import java.util.Scanner;  
public class buah {
```

```
    int total;
```

```
    public void jeruk() {
```

```
        System.out.println("    Jenis Buah Jeruk    ");
```

```
        System.out.println("    - - - - -    ");
```

```
        System.out.println("1. Jeruk Nipis : Rp. 5000 ");
```

```
        System.out.println("2. Jeruk Manis : Rp. 10000 ");
```

```
        System.out.println("3. Jeruk Bali : Rp. 50000 ");
```

```
        System.out.println("9. Checkout ");
```

```
    }
```

```
    public void Mangga() {
```

```
        System.out.println("    Jenis Buah Mangga    ");
```

```
        System.out.println("    - - - - -    ");
```

```
        System.out.println("1. Mangga Cirebon : Rp. 5000 ");
```

```
        System.out.println("2. Mangga Harum Manis : Rp. 10000 ");
```

```
        System.out.println("3. Mangga Madu : Rp. 50000 ");
```

```
        System.out.println("9. Checkout    ");
```

```
    }
```

```
    public void total(int harga, int jumlahBuah) {
```

```
        total = (harga == 1 ? 5000 : harga == 2 ? 10000 : harga == 3 ? 50000  
                : 0) * jumlahBuah;
```

```
        System.out.println("Total yang harus dibayarkan : Rp. " + total);
```

```
    }
```

2

```

public static void main (String[] di die) {

    int jumlahBuah, pilihan, pilihanBuah;
    String buah, nama, noTlp;

    buah buahObj = new buah ();
    Scanner scan = new Scanner (System.in);

    sysout (" ==1 SELAMAT DATANG di TOKO BUAH MOTARU ==");
    sysout (" - - - - -");
    sysout (" Masukan nama pelanggan : ");
    nama = scan.nextLine();
    sysout (" Masukan nomer telephone : ");
    noTlp = scan.nextLine();

    sysout (" Jenis buah yang ingin dibeli : 1. Jeruk 2. Mangga");
    sysout (" pilihan : ");
    buah = scan.nextLine();

    switch (buah) {
        case "1":
            buahObj Jeruk ();
            break;
        case "2":
            buahObj Mangga ();
        default:
            sysout (" pilihan anda tidak ada.");

    sysout (" pilihan : ");
    pilih buah = scan.nextInt ();
    sysout (" Banyaknya buah yang dibeli : ");
    jumlahBuah = scan.nextInt ();
    sysout (" Berhasil ditambahkan.");
    sysout (" pilihan anda : ");
    pilihan = scan.nextInt ();
    sysout (" - - - - -");
    }
}

```

3

switch (pilihan) {

case 9:

sysout (" - - - - - Selamat Pembelian - - - - - ");  
 sysout (" Yang diberi ");  
 sysout (" Buah banyan buah ");

if (buah == "1") {

sysout (" " + (pilihbuah == 1 ? "1. Jeruk Nipis" : " "));

: pilihbuah == 2 ? "2. Jeruk Manis" : " ";

: pilihbuah == 3 ? "3. Jeruk Bali" : " ";

: " " + " ";

+ jumlahBuah + "kg");

} else if (buah == "2") {

sysout (" " + (pilihbuah == 1 ? "1. Mangga Cirebon" : " "));

: pilihbuah == 2 ? "2. Mangga Harum Manis" : " ";

: pilihbuah == 3 ? "3. Mangga Madu" : " ";

: " " + " ";

+ jumlahBuah + "kg");

} else {

sysout (" ");

}

~~buahObi~~

buahObi.total (pilihbuah, jumlahBuah);

sysout (" - - - - - ");

sysout (" Terima kasih telah berbelanja " + nama);

sysout (" Jangan lupa datang kembali ");

break;

default:

sysout (" Pilihan anda tidak ada atau salah. ");

}

}

}



2. import java.util.Scanner;

class Hotel {

private int hargaKamar, lamanginap, total;

private String nama, tipe;

public void tipeKamar() {

sysout ("== 1 | Harga Standar Room : Rp. 400.000 | ==");

sysout ("== 2 | Superior Room : Rp. 500.000 | ==");

sysout ("== 3 | Deluxe Room : Rp. 650.000 | ==");

sysout ("== 4 | Suite Room : Rp. 750.000 | ==");

}

public int getHargaKamar() {

return hargaKamar;

}

public void setHargaKamar (int hargaKamar) {

this.hargaKamar = hargaKamar;

}

public int setLamanginap (int lamanginap) {

this.lamanginap = lamanginap;

}

public String getName (String nama) {

~~this~~ return nama;

}

public void setName (String nama) {

this.nama = nama;

}

public String getTipe() {

return tipe;

}

public void setType (String tipe) {

this.tipe = tipe;

}

int getTotalAkhir (int hargaKamar, int lamanginap) {

total = hargaKamar \* lamanginap;

return total;

}

```
Public class App {
```

```
    Public static void main (String[] args) {
```

```
        String tipeKamar;
```

```
        Scanner input = new Scanner(System.in);
```

```
        Hotel pengunjung = new Hotel ();
```

```
        Sysout ("Masukan nama pengunjung : ");
```

```
        pengunjung.setNama (input.nextLine());
```

```
        pengunjung.tipeKamar ();
```

```
        sysout ("Masukan tipe kamar : ");
```

```
        tipeKamar = input.nextLine();
```

```
        Switch (tipeKamar) {
```

```
            case "1":
```

```
                pengunjung.setHargaKamar (400000);
```

```
                break;
```

```
            case "2":
```

```
                pengunjung.setHargaKamar (500000);
```

```
                break;
```

```
            case "3":
```

```
                pengunjung.setHargaKamar (650000);
```

```
                break;
```

```
            case "4":
```

```
                pengunjung.setHargaKamar (750000);
```

```
                break;
```

```
            default:
```

```
                break;
```

```
        }
```

```
        pengunjung.setTipe (tipeKamar);
```

```
        sysout ("Masukan lama menginap : ");
```

```
        pengunjung.setLamaMenginap (input.nextLine());
```

```
        sysout ("Nama pengunjung " + pengunjung.getNama());
```

```
        sysout ("Tipe kamar " + pengunjung.getTipe());
```

```
        sysout ("\n");
```

```
        int total = pengunjung.getTotalAkhir (pengunjung.getLamaMenginap(),  
        pengunjung.getHargaKamar());
```

6

```

    sysout (" Harga Kamar : " + pengunjung.get HargaKamar ());
    sysout (" Lama Menginap : " + pengunjung.get LamaMenginap ());
    sysout ("\n");
    sysout (" pengunjung atas nama " + pengunjung.get Nama () + " dengan tipe kamar " +
    pengunjung.getTipe () + " total harga bayar Rp. " + total);

```

}}}

3. class utama

```

X package belajar_oop.uts;
import java.util.Scanner;
public class utama {
    public static void main (String[] args) {
        DataPenjualan obj = new Data Penjualan ();
        String k = " Program penjualan [y/n]! ";
        sysout ("\n");
        sysout (k);

```

```

        Scanner input = new Scanner (system.in);
        String ans = input.next ();

```

~~while (ans.equals ("y"))~~

```

        while (ans.equals ("y")) {

```

```

            obj.getVal ();

```

```

            obj.display ();

```

```

            obj.clear ();

```

```

            sysout (" Ingin Lanjut " + k);

```

```

            ans = input.next ();

```

```

        IF (ans.equals ("n")) {

```

```

            sysout (" program selesai ");

```

```

        }

```

```

    }

```

```

}

```

```

}

```



7

XX package belajar\_oop.uts;

public class PenjualanBarang {

String merk, ukr, kode;

int harga, qty, total, no;

int ppn, grandtotal;

int ukuran, subtotal = 0;

public int getNo () {

return no;

}

public void setNo (int no) {

this.no = no;

}

public String getKode () {

return kode;

}

public void setKode (String kode) {

this.kode = kode;

}

public String getMerk () {

return merk;

}

public void setMerk (String merk) {

this.merk = merk;

}

public String getUkr () {

return ukr;

}

public void setUkr (String ukr) {

this.ukr = ukr;

}

public int getHarga () {

return harga;

}

public void setHarga (int harga) {

this.harga = harga;

}



```

public int getQty () {
    return qty;
}

```

3

```

public void setQty (int qty) {
    this.qty = qty;
}

```

3

```

X package belajar-oo. uts;

```

```

import java.util.ArrayList;

```

```

import java.util.Scanner;

```

```

public class DataPenjualan {

```

```

    ArrayList < PenjualanBarang > list;

```

```

    String merk = null, ukur = null;

```

```

    int harga = 0, ukuran, qty = 0, total = 0, subtotal = 0, simbayar = 0, kembaki = 0,
    ppn, grandtotal;

```

```

    Scanner scan;

```

```

    Scanner pilih = new Scanner (System.in);

```

```

    Scanner masukan = new Scanner (System.in);

```

```

    Scanner jumlah = new Scanner (System.in);

```

```

    Scanner bayar = new Scanner (System.in);

```

```

    int no = 1;

```

```

    int n;

```

```

    void getVal () {

```

```

        list = new ArrayList < PenjualanBarang > ();

```

```

        scan = new Scanner (System.in);

```

```

        sysout (" Selamat Datang di Toko Sepeda Luxmoro Shop");

```

```

        sysout (" \n Masukan Jumlah Barang Transaksi : ");

```

```

        n = Integer.parseInt (scan.nextLine());

```

```

        for (int i = 0; i < n; i++) {

```

```

            sysout ("Pilih Kode Barang A. Federal B. BMX C. onikel : ");

```

```

            String kode = pilih.next ();

```

```

            switch (kode) {

```

```

                case "A":

```

```

                    merk = "Federal";

```

```

                    sysout (" Silahkan pilih ukuran 1. Kecil 2. Sedang 3. Besar : ");

```

```

ukuran = masukan.nextInt();
if (ukuran == 1) {
    ukr = "Kecil";
    harga = 5000000;
} else if (ukuran == 2) {
    ukr = "Sedang";
    harga = 7000000;
} else if (ukuran == 3) {
    ukr = "Besar";
    harga = 10000000;
} else {
    sysout("Ukuran yang anda pilih tidak ada.");
}

sysout("Silahkan masukan jumlah : ");
qty = masukan.nextInt();
break;

case "B":
    merk = "BMW";
    sysout("Silahkan pilih ukuran 1.Kecil 2.Sedang 3.Besar : ");
    ukuran = masukan.nextInt();
    if (ukuran == 1) {
        ukr = "Kecil";
        harga = 4500000;
    } else if (ukuran == 2) {
        ukr = "Sedang";
        harga = 7500000;
    } else if (ukuran == 3) {
        ukr = "Besar";
        harga = 9700000;
    } else {
        sysout("Ukuran yang anda pilih tidak ada.");
    }

    sysout("Silahkan masukan jumlah : ");
    qty = masukan.nextInt();
    break;

```

10

case "C":

merk = "Onthel";

sysout ("Silahkan pilihan ukuran 1. kecil 2. Sedang 3. Besar : ");

ukuran = masukan.nextInt();

if (ukuran == 1) {

    ukur = "kecil";

    harga = 1.000.000;

} else if (ukuran == 2) {

    ukur = "Sedang";

    harga = 2.000.000;

} else if (ukuran == 3) {

    ukur = "Besar";

    harga = 3.000.000;

} else {

    sysout ("Ukuran yang anda pilih tidak ada.");

}

sysout ("Silahkan masukan jumlah : ");

qty = masukan.nextInt();

break;

default:

sysout ("Kode barang salah. Silahkan ulangi");

break;

}

total = qty \* harga;

list.add (new PenjualanBarang (no, kode, merk, ukur, harga, qty, total));

no++;

}

}

Void display () {

sysout ("\\n\\n");

sysout ("Toko Sepeda Luxmore Shop");

sysout ("Jombang Tangsel");

sysout ("November 2020");

sysout ("-----");

sysout ("| No. | Kode | " + "Merk | " + "Ukuran | " + "Harga | " + "Jumlah | " + "Total |");

sysout ("-----");



```

sysout("-----");
if (list.isEmpty()) {
    sysout("Array Kosong");
} else {
    for (int i = 0; i < list.size(); i++) {
        sysout("|" + list.get(i).getNo() + "|" + list.get(i).getNode() + "|"
            + list.get(i).getMerk() + "|" + list.get(i).getVhr() + "|"
            + list.get(i).getHarga() + "|" + list.get(i).getQty() + "|"
            + list.get(i).getTotal() + "|");
        subtotal += list.get(i).getTotal();
        ppn = (int) ((int) subtotal * 0.1);
        grandtotal = subtotal + ppn;

        sysout("-----");
        sysout
        sysout("\t\t\t\t\t subtotal : Rp. " + subtotal);
        sysout("\t\t\t\t\t ppn : Rp. " + ppn);
        sysout("\t\t\t\t\t grandtotal: Rp. " + grandtotal);
        sysout("\t\t\t\t\t Pembayaran : Rp. ");
        jimbayan = bayar.nextInt();
        kembali = (int) (jimbayan - grandtotal);
        sysout("\t\t\t\t\t Kembali : Rp. " + kembali);
        sysout("\n");
    }
}

void clear() {
    for (int i = 0; i < list.size(); i++) {
        list.removeAll(list);
        no = 1;
        subtotal = 0;
        ppn = 0;
        grandtotal = 0;
    }
}
}
}
}

```