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Keperluan   : Tugas Praktek 2 – Single Item Penjualan

Outout Program :

```
404\Pertemuan04-21Maret-Kondisi\Praktikum\Latih
**************************************
********       PEMBELANJAAN      *********
**************************************
********    INPUT DATA BELANJA   ********
Masukkan Kode Barang      : XX001
Masukkan Nama Barang      : Magicom
Masukkan Harga Barang     : 350000
Masukkan Jumlah Barang    : 6
**************************************
*******************************
**********  CETAK NOTA **********
*******************************
Kode Barang      : XX001
Nama Barang      : Magicom
Harga Barang     : 350000.0
Jumlah Barang    : 6
Total Harga      : 2100000.0
Bonus            : Payung
*******************************
Lakukan Input Ulang Nilai? [Y/N] :
```

PenjualanDemo.java (Main File / Parent File)

```java
1 import java.util.Scanner;
2
3 public class PenjualanDemo {
4     public static void main(String[] args) {
5         String reload = "";
6
7         // Using loop
8         do {
9             System.out.println("****************************************");
10             System.out.println("********     PEMBELANJAAN     *********");
11             System.out.println("****************************************");
12             Scanner inputdata = new Scanner(System.in);
13             System.out.println("********   INPUT DATA BELANJA   ********");
14             System.out.print("Masukkan Kode Barang     : ");
15             String kode = inputdata.nextLine();
16             System.out.print("Masukkan Nama Barang     : ");
17             String nama = inputdata.nextLine();
18             System.out.print("Masukkan Harga Barang    : ");
19             double harga = inputdata.nextDouble();
20             System.out.print("Masukkan Jumlah Barang   : ");
21             int jumlah = inputdata.nextInt();
22             System.out.println("****************************************");
23
24             ModelPenjualan penjualan = new ModelPenjualan(kode, nama, harga, jumlah);
25
26             penjualan.cetakNota();
27
28             System.out.print("Lakukan Input Ulang Nilai? [Y/N] : ");
29             Scanner inputUlang = new Scanner(System.in);
30             reload = inputUlang.nextLine();
31         } while (reload.toLowerCase().equals("y") || reload.toLowerCase().equals("yes"));
32     }
33 }
```

ModelPenjualan.java (Sebagai Modeling terhadap object yang dibuat)

```java
1 import javax.lang.model.util.ElementScanner6;
2
3 import javafx.print.PrinterAttributes;
4
5 public class ModelPenjualan {
6     private String kode, nama;
7     private double hargaItem;
8     private int jumlah;
9     private double totalHarga;
10    private String bonus;
11
12    ModelPenjualan() {
13        kode = "anonymous";
14        nama = "anonymous";
15        hargaItem = 0.0f;
16        jumlah = 0;
17        totalHarga = 0.0;
18        bonus = "anonymous";
19    }
20
21    ModelPenjualan(String kode, String nama, double hargaItem, int jumlah) {
22        this.kode = kode;
23        this.nama = nama;
24        this.jumlah = jumlah;
25        this.hargaItem = hargaItem;
26    }
27
28    double getTotalPembelian() {
29        totalHarga = hargaItem * jumlah;
30        return totalHarga;
31    }
32
33    String getBonus(double totalPembelian, int jumlah) {
34        if (totalPembelian >= 500000 && jumlah > 5)
35            bonus = "Setrika";
36        else if (totalPembelian >= 100000 && jumlah > 3)
37            bonus = "Payung";
38        else if (totalPembelian >= 50000 && jumlah > 2)
39            bonus = "Ballpoint";
40        else
41            bonus = "Mohon maaf anda tidak mendapat bonus";
42        return bonus;
43    }
44
45    void cetakNota() {
46        System.out.println("********************************");
47        System.out.println("*********** CETAK NOTA **********");
48        System.out.println("********************************");
49        System.out.println("Kode Barang    : " + kode);
50        System.out.println("Nama Barang    : " + nama);
51        System.out.println("Harga Barang   : " + hargaItem);
52        System.out.println("Jumlah Barang  : " + jumlah);
53        System.out.println("Total Harga    : " + getTotalPembelian());
54        System.out.println("Bonus          : " + getBonus(hargaItem, jumlah));
55        System.out.println("********************************");
56    }
57
58 }
```