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**Tugas dpl**

**Data pembeli (main class)**

package main;

import controller.Petugas;

import model.Barang;

import model.Pembeli;

public class DataPembeli {

public static void main(String[]args){

Barang b1 = new Barang ("susu bubuk "," 2 dus");

Pembeli p1 = new Pembeli (b1, "adi", "kuningan");

Petugas ptgs = new Petugas ("agus", 10);

ptgs.tambahPembeli(p1);

ptgs.bacaPembeli();

}

}

**Kelas barang**

package model;

public class Barang {

private String namaBarang, jumlahBarang;

public Barang(String namaBarang, String jumlahBarang) {

this.namaBarang = namaBarang;

this.jumlahBarang = jumlahBarang;

}

public String getNamaBarang() {

return namaBarang;

}

public void setNamaBarang(String namaBarang) {

this.namaBarang = namaBarang;

}

public String getJumlahBarang() {

return jumlahBarang;

}

public void setJumlahBarang(String jumlahBarang) {

this.jumlahBarang = jumlahBarang;

}

void TampilData(){

System.out.println("nama barang :"+namaBarang);

System.out.println("nama barang :"+jumlahBarang);

}

}

**Kelas Pembeli**

package model;

public class Pembeli {

private Barang barang;

private String namaPembeli, alamat;

public Pembeli(Barang barang, String namaPembeli, String alamat) {

this.barang = barang;

this.namaPembeli = namaPembeli;

this.alamat = alamat;

}

public Barang getBarang() {

return barang;

}

public void setBarang(Barang barang) {

this.barang = barang;

}

public String getNamaPembeli() {

return namaPembeli;

}

public void setNamaPembeli(String namaPembeli) {

this.namaPembeli = namaPembeli;

}

public String getAlamat() {

return alamat;

}

public void setAlamat(String alamat) {

this.alamat = alamat;

}

public void DataPembeli(){

barang.TampilData();

System.out.println("Nama Pemebeli :"+namaPembeli);

System.out.println("Alamat :"+alamat);

}

}

**Kelas petugas**

package controller;

import model.Pembeli;

public class Petugas {

private String namaPetugas;

private Pembeli[] pembeli;

private int index, jumlah;

public void bacaPembeli(){

System.out.println("Nama Petugas :"+namaPetugas);

System.out.println("");

for(int i = 0; 1 <= index; i++){

pembeli[i].DataPembeli();

}

}

public Pembeli hapusPembeli(){

Pembeli temp = pembeli[index];

index = index - 1;

return temp;

}

public void tambahPembeli(Pembeli x){

index = index +1;

pembeli [index] = x;

}

public Petugas(String nP, int j){

namaPetugas = nP;

jumlah = j;

pembeli = new Pembeli [jumlah];

for(int i = 0; i <pembeli.length; i++){

pembeli [i] = null;

}

index = -1;

}

}

**Class diagram**

