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POSTTEST3 PBO

Soucecode

```
package posttest3;


class Data { // digunakan untuk menyimpan informasi tentang objek-objek yang dibuat dalam program.
    private String kodebrg; // atribut yang hanya bisa diakses di class yang sama
    private String namabrg;
    private int stokawal;
    private int stokkeluar;
    private int stokmasuk;
    private int stokakhir;
    // untuk membuat objek baru dari class dgn nilai atribut yang telah
    // diinisialisasi pada saat objek dibuat.
    public Data(String kodebrg, String namabrg, int stokawal, int stokkeluar, int stokmasuk) {
        this.kodebrg = kodebrg; // untuk menginisialisasi atribut "name"
        this.namabrg = namabrg;
        this.stokawal = stokawal;
        this.stokkeluar = stokkeluar;
        this.stokmasuk = stokmasuk;
        this.stokakhir = stokakhir;
    }

    /**
     * @return the name
     */
    public String getkodebrg() {
        return kodebrg;
    }

    /**
     * @param kodebrg the kodebrg to set
     */
    public void setkodebrg(String name) {
```

```
        this.namabrg = namabrg;
    }

    /**
     * @return the stokawal
     */
    public int getstokawal() {
        return stokawal;
    }

    /**
     * @param stokawal the stokawal to set
     */
    public void setstokawal(int stokawal) {
        this.stokawal = stokawal;
    }

    /**
     * @return the stokkeluar
     */
    public int getstokkeluar() {
        return stokkeluar;
    }

    /**
     * @param stokkeluar the stokkeluar to set
     */
    public void setstokkeluar(int stokkeluar) {
        this.stokkeluar = stokkeluar;
    }
```

```
    /**
     * @return the stokmasuk
     */
    public int getstokmasuk() {
        return stokmasuk;
    }

    /**
     * @param stokmasuk the stokmasuk to set
     */
    public void setstokmasuk(double stokmasuk) {
        this.stokmasuk = (int) stokmasuk;
    }

    /**
     * @return the stokakhir
     */
    public int getstokakhir() {
        return stokakhir;
    }

    /**
     * @param stokakhir the stokakhir to set
     */
    public void setstokakhir(int stokakhir) {
        this.stokakhir = stokakhir;
    }

}
```

```
package posttest3;

import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;
import java.util.ArrayList;
/**
 *
 * @author PC-05
 */
public class Posttest3 {
    static BufferedReader input = new BufferedReader(new InputStreamReader(in: System.in));
    static ArrayList<Jenisbrg> listbrg = new ArrayList<>();
    static ArrayList<brgready> listjns = new ArrayList<>();

    public static void froze() throws IOException {
        System.out.print(s: "Tekan enter untuk melanjutkan... ");
        input.readLine();
        System.out.println(x: "");
    }

    public static void tambahData() throws IOException {
        System.out.println(x: "Jenis data");
        System.out.println(x: "1. BrgReady");
        System.out.println(x: "2. JenisBrg");
        System.out.print(s: "Pilih Data: ");
        int pil = Integer.parseInt(s: input.readLine());
        if(pil == 1){
            System.out.println(x: "========== Masukkan Data BrgReady ==========");
            System.out.print(s: "Masukkan KodeBrg                 : ");
            String kodebrg = input.readLine();
```

```
            String kodebrg = input.readLine();
            System.out.print("Masukkan NamaBrg                : ");
            String namabrg = input.readLine();
            System.out.print("Masukkan StokAwal               :");
            int stokawal = Integer.parseInt(input.readLine());
            System.out.print("Masukkan StokKeluar             : ");
            int stokkeluar = Integer.parseInt(input.readLine());
            System.out.print("Masukkan Stokmasuk              : ");
            int stokmasuk = Integer.parseInt(input.readLine());
            System.out.print("Masukkan HargaBrg               : ");
            int hargabrg = Integer.parseInt(input.readLine());
            System.out.print("Masukkan NoBarang               : ");
            int nobarang = Integer.parseInt(input.readLine());
            System.out.println("=============================================");
            listjns.add(new brgready(kodebrg, namabrg, stokawal, stokkeluar, stokmasuk, hargabrg, nobarang));
            System.out.println("Data " + kodebrg + " berhasil ditambahkan!");

        }else if(pil == 2){
            System.out.println("========== Masukkan Data JenisBrg ==========");
            System.out.print("Masukkan KodeBrg                : ");
            String kodebrg = input.readLine();
            System.out.print("Masukkan NamaBrg                : ");
            String namabrg = input.readLine();
            System.out.print("Masukkan StokAwal               : ");
            int stokawal = Integer.parseInt(input.readLine());
            System.out.print("Masukkan StokKeluar             : ");
            int stokkeluar = Integer.parseInt(input.readLine());
            System.out.print("Masukkan StokMasuk              : ");
            int stokmasuk = Integer.parseInt(input.readLine());
            System.out.print("Masukkan HargaBeli              : ");
            int hargabeli = Integer.parseInt(input.readLine());
            System.out.print("Masukkan HargaJual              : ");
            int hargajual = Integer.parseInt(input.readLine());
```

```
            int hargajual = Integer.parseInt(input.readLine());
            System.out.println("=============================================");
            listbrg.add(new Jenisbrg(kodebrg, namabrg, stokawal, stokkeluar, stokmasuk, hargabeli, hargajual));
            System.out.println("Data " + kodebrg + " berhasil ditambahkan!");

        }else{
            System.out.println("Pilihan Salah");

        }
    }

    public static void lihatData() throws IOException{
        System.out.println("Jenis data");
        System.out.println("1. BrgReady");
        System.out.println("2. JenisBrg");
        System.out.print("Pilih Data: ");
        int pil = Integer.parseInt(input.readLine());
        switch (pil) {
            case 1 -> {
                System.out.println("\n============ List Data BrgReady ============");
                if (listjns.isEmpty()){
                    System.out.println("Belum ada data yang tersimpan!");
                }else{
                    for(int i = 0; i < listjns.size();i++){
                        System.out.println("Data indeks ke-" + (i));
                        System.out.println("KodeBrg                 :" + listjns.get(index: i).getkodebrg());
                        System.out.println("NamaBrg                 :" + listjns.get(index: i).getnamabrg());
                        System.out.println("StokAwal                :" + listjns.get(index: i).getstokawal());
                        System.out.println("StokKeluar              :" + listjns.get(index: i).getstokkeluar());
                        System.out.println("StokMasuk               :" + listjns.get(index: i).getstokmasuk());
                        System.out.println("HargaBrg                :" + listjns.get(index: i).gethargabrg());
                        System.out.println("NoBarang                :" + listjns.get(index: i).getnobarang());
                    }
```

```
                }
                System.out.println(x: "=========================================");
            }
            case 2 -> {
                System.out.println(x: "\n========== List Data JenisBrg ==========");
                if (listbrg.isEmpty()){
                    System.out.println(x: "Belum ada data yang tersimpan!");
                }else{
                    for(int i = 0; i < listbrg.size();i++){
                        System.out.println("Data indeks ke-" + (i));
                        System.out.println("KodeBrg                :" + listbrg.get(index: i).getkodebrg());
                        System.out.println("NamaBrg                :" + listbrg.get(index: i).getnamabrg());
                        System.out.println("StokAwal               :" + listbrg.get(index: i).getstokawal());
                        System.out.println("StokKeluar             :" + listbrg.get(index: i).getstokkeluar());
                        System.out.println("StokMasuk              :" + listbrg.get(index: i).getstokmasuk());
                        System.out.println("HargaBeli              :" + listbrg.get(index: i).gethargabeli());
                        System.out.println("HargaJual              :" + listbrg.get(index: i).gethargajual());
                    }
                }   System.out.println(x: "=========================================");
            }
            default -> System.out.println(x: "Pilihan salah");
        }
    }

    public static void editData() throws IOException{
        System.out.println(x: "Jenis data");
        System.out.println(x: "1. brgready");
        System.out.println(x: "2. JenisBrg");
        System.out.print(s: "Pilih Data: ");
        int pil = Integer.parseInt(s: input.readLine());
        if(pil == 1){
            if (listjns.isEmpty()) {
```

```
    public static void hapusData() throws IOException{
        System.out.println(x: "Jenis data");
        System.out.println(x: "1. BrgReady");
        System.out.println(x: "2. JenisBrg");
        System.out.print(s: "Pilih Data: ");
        int pil = Integer.parseInt(s: input.readLine());
        if(pil == 1){
            if (listjns.isEmpty()) {
                System.out.println(x: "Belum ada data yang tersimpan!");
            } else {
                System.out.print(s: "Masukkan indeks data BrgReady yang ingin dihapus: ");
                int index = Integer.parseInt(s: input.readLine());
                if (index < 0 || index >= listjns.size()) {
                    System.out.println(x: "Indeks tidak ditemukan!");
                } else {
                    brgready brg = listjns.get(index);
                    listjns.remove(index);
                    System.out.println("Data Jenisbrg dengan indeks " + index + " berhasil dihapus:");
                }
            }
        }else if(pil == 2){
            if (listbrg.isEmpty()) {
                System.out.println(x: "Belum ada data yang tersimpan!");
            } else {
                System.out.print(s: "Masukkan indeks data JenisBrg yang ingin dihapus: ");
                int index = Integer.parseInt(s: input.readLine());
                if (index < 0 || index >= listbrg.size()) {
                    System.out.println(x: "Indeks tidak ditemukan!");
                } else {
                    Jenisbrg jns = listbrg.get(index);
                    listbrg.remove(index);
```

```
                System.out.println("Data JenisBrg dengan indeks " + index + " berhasil dihapus:");

            }
        }
    }else{
        System.out.println("Input Salah");
    }

}

public static void main(String[] args) throws IOException  {
    boolean menu = true;
    while(menu == true){
    System.out.println("""
                       Program Pendataan KTP Digital Online
                       ====================================
                       | 1. Menambah Data                 |
                       | 2. Melihat Data                  |
                       | 3. Mengubah Data                 |
                       | 4. Menghapus Data                |
                       | 5. Keluar Program                |
                       ====================================
                       """);
    System.out.print("Pilih: ");
    int pilih = Integer.parseInt(input.readLine());
```

```
        System.out.print("Pilih: ");
        int pilih = Integer.parseInt(input.readLine());
        switch(pilih){
            case 1:
                tambahData();
                froze();
                break;
            case 2:
                lihatData();
                froze();
                break;
            case 3:
                editData();
                froze();
                break;
            case 4:
                hapusData();
                froze();
                break;
            case 5:
                System.out.println("Program dihentikan");
                menu = false;
                break;
            default:
                System.out.println("Pilihan salah");
                froze();
                break;
            }
        }
    }

}
```

```java
package posttest3;


/*
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 *
package Posttest3;

/**
 *
 * @author LENOVO
 */
public class Jenisbrg extends Data{
    private int hargabeli;
    private int hargajual;

    public Jenisbrg(String kodebrg, String namabrg, int stokawal, int stokkeluar, int stokmasuk, int hargabeli, int hargajual) {
        super(kodebrg, namabrg, stokawal, stokkeluar, stokmasuk);
        this.hargabeli = hargabeli;
        this.hargajual = hargajual;
    }




    public void notif() {
        System.out.println(x: "Berhasil ditambahkan dikategori Anak - anak. ");
    }
```

```java
    }

    public int gethargabeli() {
        return (int) hargabeli;
    }


    public void sethargabeli(int hargabeli) {
        this.hargabeli = hargabeli;
    }


    public int gethargajual() {
        return hargajual;
    }


    public void sethargajual(int hargajual) {
        this.hargajual = hargajual;
    }
}
```

```java
/*
 * 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 posttest3;

/**
 *
 * @author LENOVO
 */
public class brgready extends Data{
    private int hargabrg;
    private int nobarang;

    public brgready(String kodebrg, String namabrg, int stokawal, int stokkeluar, int stokmasuk, int hargabrg, int nobarang) {
        super(kodebrg, namabrg, stokawal, stokkeluar, stokmasuk);
        this.hargabrg = hargabrg;
        this.nobarang = nobarang;
    }


    public int gethargabrg() {
        return hargabrg;
    }


    public void sethargabrg(int hargabrg) {
        this.hargabrg = hargabrg;
    }
```

```java
    public int gethargabrg() {
        return hargabrg;
    }


    public void sethargabrg(int hargabrg) {
        this.hargabrg = hargabrg;
    }


    public int getnobarang() {
        return nobarang;
    }


    public void setnobarag(int nobarang) {
        this.nobarang = nobarang;
    }

    void setnobarang(int parseInt) {
        throw new UnsupportedOperationException(message:"Not supported yet.");
    }


}
```