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**Kelas** : C'23

## Posttest 6

```
import java.util.*;

abstract class Barang {
    protected String id;
    protected String id, String nama) {
        this.id = id;
        this.nama = nama;
    }

public String getId() {
        return id;
    }

public String getNama() {
        return nama;
    }

public void setNama(String nama) {
        this.nama = nama;
    }

public void setNama(String nama) {
        this.nama = nama;
    }

public abstract void infoBarang();
}

class BahanBaku extends Barang {
        private int stok;
        private double harga;

public BahanBaku(String id, String nama, int stok, double harga) {
        super(id, nama);
        this.stok = Math.max(stok, b:0);
        this.stok = Math.max(harga, b:0);
    }

public int getStok() {
        return stok;
    }

public double getHarga() {
        return harga;
    }

public double getHarga() {
        return harga;
    }
}
```

```
public void setStok(int stok) {
    this.stok = Nath.max(stok, b:0);
}

public void setHarga(double harga) {
    this.harga = Nath.max(harga, b:0);
}

gOverride
public String toString() {
    return "ID: " + id + ", Nama: " + nama + ", Stok: " + stok + ", Harga: " + harga;
}

gOverride
public void infoBarang() {
    System.out.println("Bahan Baku: " + nama + " (ID: " + id + ")");
}

abstract class Orang {
    protected String nama;
    protected String nama;
    protected String nama;
    protected String nama;
    this.kontak + kontak;
}

public String getHama() {
    return nama;
}

public String getKontak() {
    return nama;
}

public String getKontak() {
    return kontak;
}

public void setNama(String nama) {
    this.nama = nama;
}

public void setNama(String nama) {
    this.nama = nama;
}
```

```
public void setKontak(String kontak) {
    this.kontak = kontak;
}

public abstract void tampilkanInfo();
}

class Supplier extends Orang {
    private String idSupplier;
}

public Supplier(String idSupplier, String nama, String kontak) {
    super(nama, kontak);
    this.idSupplier = idSupplier;
}

public String getIdSupplier() {
    return idSupplier;
}

gOverride
public String toString() {
    return "ID Supplier: " + idSupplier + ", Nama: " + nama + ", Kontak: " + kontak;
}

gOverride
public void tampilkanInfo() {
    System.out.println("Supplier: " + nama + " (ID: " + idSupplier + ")");
}

final class Transaksi {
    private String idBahan;
    private double totallarga;

public Transaksi(string idIransaksi, string idBahan, int jumlah, double totallarga) {
    this.idBahan - idBahan;
    this.jumlah - jumlah;
    this.stotallarga = totallarga;
}
```

```
| Switch (pilihan) {
| case 1 -> tambahBahan();
| case 2 -> hapusBahan();
| case 3 -> editBahan();
| case 3 -> editBahan();
| case 4 -> tambahSupplier();
| case 5 -> hapusSupplier();
| case 6 -> editSupplier();
| case 6 -> editSupplier();
| case 8 -> tampilkanSemusData();
| case 8 -> tampilkanSemusData();
| case 9 -> carsIsupplier();
| case 10 -> cariIransaksi();
| case 11 -> urutkanBahan();
| case 12 -> System.out.println(x:"Weluar dari program...");
| default -> System.out.println(x:"Pilihan tidak valid!");
| } while (pilihan != 12);
| private static void tambahBahan() {
| System.out.print(s:"Masukkan ID Bahan: ");
| String id = scanner.nextLine();
| System.out.print(s:"Masukkan Stok: ");
| int stok - scanner.nextLine();
| System.out.print(s:"Masukkan Stok: ");
| int stok - scanner.nextLine();
| System.out.print(s:"Masukkan Harga: ");
| double harga = scanner.nextDouble();
| scanner.nextLine();
| daftarBahan.add(new BahanBaku(id, nama, stok, harga));
| System.out.print(n:"Bahan Baku Berhasil Ditambahkani");
| 190
```

```
private static void hapusBahan() {
    System.out.print(s:"Masukkan ID Bahan yang ingin dihapus: ");
    String id = scanner.nextLine();
    boolean removed = daftarBahan.removeIf(bahan -> bahan.getId().equals(id));
    if (removed) {
        System.out.println(x:"Bahan berhasil dihapus.");
    } else {
        System.out.println(x:"ID tidak ditemukan.");
    }
}

private static void editBahan() {
        System.out.print(s:"Masukkan ID Bahan yang ingin diedit: ");
        Stning id = scanner.nextLine();
        for (BahanBaku bahan : daftarBahan) {
        if (bahan.getId().equals(id)) {
            System.out.print(s:"Masukkan Nana Baru: ");
            String namaBaru = scanner.nextLine();
            System.out.print(s:"Masukkan Nana Baru: ");
            int stokBaru = scanner.nextLine();
            System.out.print(s:"Masukkan Nana Baru: ");
            double hargaBaru = scanner.nextLine();
            System.out.print(s:"Masukkan Nana Baru: ");
            double hargaBaru = scanner.nextLine();
            scanner.nextLine();
            bahan.setBana(nanaBaru);
            bahan.setBana(nanaBaru);
            bahan.setBana(nanaBaru);
            system.out.println(x:"Data Bahan Berhasil Diubah!");
            return;
        }
    }
    System.out.println(x:"Bahan tidak ditemukan.");
}
```

```
private static void tambahfransaksi() {

// System.out.print(s:"Nauukan ID Transaksi:");

// System.out.print(s:"Nauukan ID Transaksi:");

// System.out.print(s:"Nauukan ID Bahan: ");

// Sommen.mextLine();

// Gr (BahanBaku bahan: daftardahan) {

// fr (BahanBaku bahan: daftardahan) {

// double total = bahan.gettinga() * jumlah;

// daftarfransaksi.add(now Transaksi(idfnansaksi, idfbahan, jumlah, total));

// System.out.println(x:"Transaksi Berhasil Ditambahkan!");

// return;

// System.out.println(x:"ID Bahan tidak ditemukan.");

// System.out.println(x:"\n= Daftan Bahan Baku =");

// daftarBahan.forTach(System.out::println);

// System.out.println(x:"\n= Daftan Bahan Baku =");

// daftarSupplier.forEach(System.out::println);

// System.out.println(x:"\n= Daftan Bahan Baki =");

// daftarSupplier.forEach(System.out::println);

// System.out.println(x:"\n= Daftan Bahan Baki =");

// daftarTransaksi.forEach(System.out::println);

// System.out.println(x:"\n= Daftan Transaksi =");

// daftarSupplier.forEach(System.out::println);

// System.out.println(x:"\n= Daftan Transaksi =");

// daftarSupplier.forEach(System.out::println);
```