#### **POSTTEST 6**

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## SOURCODE PROGRAM

## Class App

```
| POSTIEST6 > arc > 1. Appjava > 2. Appjava
```

```
int piliharkelas = scarner.nextint();
scarner.nextine();
saitch (piliharkelas) {
    case :
        tampilkanotratelas(kelas:Meja.class);
        break;
    case :
        tampilkanotratelas(kelas:Meja.class);
        break;
    case :
        tampilkanotratelas(kelas:Mursi.class);
        break;
    case :
        tampilkanotratelas(kelas:Musi.class);
        break;
    case :
        tampilkanotratelas(kelas:Musi.class);
        break;
    case :
        tampilkanotratelas(kelas:Musi.class);
        break;
    case :
        system.out.println(x:"Pilihan kelas tidak valid!");
        break;
        default:
        system.out.println(x:"Pilihan kelas tidak valid!");
        break;
}

private static void tampilkanotratelas(classc? extends nebelo kelas) {
        system.out.println(x:"Pilihan kelas tidak valid!");
        system.
```

```
System.out.print(s:"Masukkan Harga Meja: ");
harga = scanner.nextint();
system.out.print(s:"Masukkan Stok Meja: ");
stok = scanner.nextint();
scanner.nextline();
System.out.print(s:"Masukkan Jumlah Kaki Meja: ");
int jumlahkakiMeja = scanner.nextInt();
scanner.nextLine();
daftarMebel.add(new Meja(nama, material, harga, stok, jumlahkakiMeja));
System.out.print(n(x:"Meja berhasil ditambahkan!");
break;
case 2:
System.out.print(s:"Masukkan Nama Kursi: ");
nama = scanner.nextLine();
System.out.print(s:"Masukkan Material Kursi: ");
material = scanner.nextLine();
System.out.print(s:"Masukkan Harga Kursi: ");
harga = scanner.nextLine();
System.out.print(s:"Masukkan Stok Kursi: ");
stok = scanner.nextLine();
system.out.print(s:"Masukkan Jenis Kursi: ");
String jeniskursi = scanner.nextLine();
daftarMebel.add(new Kursi(nama, material, harga, stok, jeniskursi));
System.out.print(s:"Masukkan Jenis Kursi: ");
break;
case 3:
System.out.print(s:"Masukkan Nama Lemari: ");
nama = scanner.nextLine();
System.out.print(s:"Masukkan Nama Lemari: ");
nama = scanner.nextLine();
System.out.print(s:"Masukkan Nama Lemari: ");
material = scanner.nextLine();
System.out.print(s:"Masukkan Nama Lemari: ");
harga = scanner.nextLine();
System.out.print(s:"Masukkan Naterial Lemari: ");
harga = scanner.nextLine();
System.out.print(s:"Masukkan Naterial Lemari: ");
harga = scanner.nextLine();
System.out.print(s:"Masukkan Naterial Lemari: ");
harga = scanner.nextLine();
System.out.print(s:"Asuukkan Naterial
```

```
private static void hapusFurnitur() {
    if (daftarMebel.isEmpty()) {
        System.out.println(x:"Data furnitur masih kosong!");
        return;
    }

    tampilkarOataFurnitur();

    System.out.print("Masukkan nomoor furnitur yang ingin dihapus (1-" + daftarMebel.size() + "): ");
    int pilihan = scanner.nextint() - 1;

    if (pilihan >= 0 && pilihan < daftarMebel.size()) {
        daftarMebel.remove(pilihan);
        System.out.println(x:"Furnitur berhasil dihapus!");
    } else {
        System.out.println(x:"Homoor furnitur tidak valid!");
    }
}</pre>
```

```
public void simpanData() {
    try (ObjectOutputStream outputStream = new ObjectOutputStream(new FileOutputStream(FILE_NAME))) {
        outputStream.writeObject(daftarMebel);
        System.out.println(x:"Data berhasil disimpan.");
    } catch (IOException e) {
        tanganiKesalahan(e);
    }
}

@Override
public void muatData() {
    try (ObjectInputStream inputStream = new ObjectInputStream(new FileInputStream(FILE_NAME))) {
        daftarMebel = (AccayListxMebala).inputStream.readObject();
        System.out.println(x:"Data berhasil dimuat.");
    } catch (IOException | ClassNotFoundException e) {
        tanganiKesalahan(e);
    }
}

public static void tanganiKesalahan(Exception e) {
        System.out.println("Terjadi kesalahan: " + e.getMessage());
}
```

## CLASS MEBEL/ ABSTRAC CLASS

```
public abstract class Mebel {
    private static int counter = 1;
    protected final int id;
    protected String nama;
    protected String material;
    protected int harga;
    protected int harga;
    protected int stok;

    public Mebel(String nama, String material, int harga, int stok) {
        this.id = counter++;
        this.nama = nama;
        this.material = material;
        this.harga = harga;
        this.stok = stok;
    }

    public Mebel(String nama, String material, int harga) {
        this(nama, material, harga, stok:0);
    }

    public void setStok() {
        this.stok = 0;
    }

    public void setStok(int stok) {
        this.stok = stok;
    }

    public int getId() {
        return id;
    }

    public String getNama() {
        return nama;
    }
}
```

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

public String getMaterial() {
    return material;
}

public void setMaterial(String material) {
    this.material = material;
}

public int getHarga() {
    return harga;
}

public void setHarga(int harga) {
    this.harga = harga;
}

public int getStok() {
    return stok;
}

public int getStok() {
    return stok;
}

public abstract void hitungJumlah();

@Override
public String tostring() {
    return "ID: " + id + ", Nama: " + nama + ", Material: " + material + " , Harga: Rp" + harga + ", Stok: " + stok;
}
```

## **CLASS KURSI**

```
public class Kursi extends Mebel {
    private final String jenisKursi;

    public Kursi(String nama, String material, int harga, int stok, String jenisKursi) {
        super(nama, material, harga, stok);
        this.jenisKursi = jenisKursi;
    }

    public String getJenisKursi() {
        return jenisKursi;
    }

    @Override
    public void hitungJumlah() {
      }

    @Override
    public String toString() {
        return super.toString() + ", Jenis Kursi: " + jenisKursi;
    }
}
```

## **CLASS MEJA**

```
public class Meja extends Mebel {
   private final int jumlahKaki;
   public Meja(String nama, String material, int harga, int stok, int jumlahKaki) {
       super(nama, material, harga, stok);
       this.jumlahKaki = jumlahKaki;
   public int getJumlahKaki() {
       return jumlahKaki;
   @Override
   public void hitungJumlah() {
   @Override
   public final void setStok() {
       this.stok = 0;
   @Override
   public final void setStok(int stok) {
       this.stok = stok;
   @Override
   public String toString() {
       return super.toString() + ", Jumlah Kaki: " + jumlahKaki;
```

#### **CLASS LEMARI**

```
public class Lemari extends Mebel {
    private final int jumlahPintu;

public Lemari(String nama, String material, int harga, int stok, int jumlahPintu) {
        super(nama, material, harga, stok);
        this.jumlahPintu = jumlahPintu;
    }

public int getJumlahPintu() {
        return jumlahPintu;
    }

@Override
    public void hitungJumlah() {
     }

@Override
    public String toString() {
        return super.toString() + ", Jumlah Pintu: " + jumlahPintu;
    }
}**
```

## CLASS KASUR

```
public class Kasur extends Mebel {
   public Kasur(String nama, String material, int harga, int stok) {
       super(nama, material, harga, stok);
   }
   @Override
   public void hitungJumlah() {
    }
}
```

# CLASS PENGELOLAAN DATA

```
POSTTEST6 > src > PengelolaanData.java > ...

1  public interface PengelolaanData {
      void simpanData();
      void muatData();
      4  }
```