


```

        System.out.println("Pilihan tidak valid!");
    }
} catch (InputMismatchException e) {
    System.out.println("Input tidak valid. Silakan masukkan
angka.");
    scanner.nextLine();
}
}
}

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

    System.out.println("****===== Pilih Furnitur =====");
    System.out.println("| | >>      [1] Meja          << | |");
    System.out.println("| | >>      [2] Kursi          << | |");
    System.out.println("| | >>      [3] Lemari          << | |");
    System.out.println("| | >>      [4] Kasur          << | |");
    System.out.println("| | >>      [5] Kembali        << | |");
    System.out.println("=====");
    System.out.print("Pilih Menu (1-5): ");

    int pilihanKelas = scanner.nextInt();
    scanner.nextLine();

    switch (pilihanKelas) {
        case 1:
            tampilkanDataKelas(Meja.class);
            break;
        case 2:
            tampilkanDataKelas(Kursi.class);
            break;
        case 3:
            tampilkanDataKelas(Lemari.class);
            break;
        case 4:
            tampilkanDataKelas(Kasur.class);
            break;
        case 5:
            System.out.println();
            break;
        default:
            System.out.println("Pilihan kelas tidak valid!");
            break;
    }
}

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    }
}

private static void tampilkanDataKelas(Class<? extends Mebel> kelas) {
    System.out.println("***Data " + kelas.getSimpleName() + "***");

    System.out.println("=====
=====");
    System.out.printf("%-5s%-10s%-15s%-10s%-15s%-15s\n", "ID", "Nama",
"Material", "Harga", "Stok", "Kelas");
    System.out.println("=====
=====");

    for (Mebel mebel : daftarMebel) {
        if (kelas.isInstance(mebel)) {
            System.out.printf("%-5d%-10s%-15s%-10d%-15d%-15s\n",
mebel.getId(), mebel.getNama(),
            mebel.getMaterial(), mebel.getHarga(),
            mebel.getStok(), kelas.getSimpleName());
            System.out.println("-----
-----");
        }
    }
}

private static void tambahFurniturBaru() {
    System.out.println("***===== Tambah Furnitur =====***");
    System.out.println("|>>      [1] Meja          << |");
    System.out.println("|>>      [2] Kursi          << |");
    System.out.println("|>>      [3] Lemari         << |");
    System.out.println("|>>      [4] Kasur          << |");
    System.out.println("|>>      [5] Kembali        << |");
    System.out.println("=====");
    System.out.print("Pilih Menu (1-5): ");

    int pilihan = scanner.nextInt();
    scanner.nextLine();

    String nama, material;
    int harga, stok;

    switch (pilihan) {
        case 1:
            System.out.print("Masukkan Nama Meja: ");
            nama = scanner.nextLine();
            System.out.print("Masukkan Material Meja: ");
            material = scanner.nextLine();
            System.out.print("Masukkan Harga Meja: ");

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        harga = scanner.nextInt();
        System.out.print("Masukkan Stok Meja: ");
        stok = scanner.nextInt();
        scanner.nextLine();
        System.out.print("Masukkan Jumlah Kaki Meja: ");
        int jumlahKakiMeja = scanner.nextInt();
        scanner.nextLine();
        daftarMebel.add(new Meja(nama, material, harga, stok,
jumlahKakiMeja));
        System.out.println("Meja berhasil ditambahkan!");
        break;
    case 2:
        System.out.print("Masukkan Nama Kursi: ");
        nama = scanner.nextLine();
        System.out.print("Masukkan Material Kursi: ");
        material = scanner.nextLine();
        System.out.print("Masukkan Harga Kursi: ");
        harga = scanner.nextInt();
        System.out.print("Masukkan Stok Kursi: ");
        stok = scanner.nextInt();
        scanner.nextLine();
        System.out.print("Masukkan Jenis Kursi: ");
        String jenisKursi = scanner.nextLine();
        daftarMebel.add(new Kursi(nama, material, harga, stok,
jenisKursi));
        System.out.println("Kursi berhasil ditambahkan!");
        break;
    case 3:
        System.out.print("Masukkan Nama Lemari: ");
        nama = scanner.nextLine();
        System.out.print("Masukkan Material Lemari: ");
        material = scanner.nextLine();
        System.out.print("Masukkan Harga Lemari: ");
        harga = scanner.nextInt();
        System.out.print("Masukkan Stok Lemari: ");
        stok = scanner.nextInt();
        scanner.nextLine();
        System.out.print("Masukkan Jumlah Pintu Lemari: ");
        int jumlahPintu = scanner.nextInt();
        scanner.nextLine();
        daftarMebel.add(new Lemari(nama, material, harga, stok,
jumlahPintu));
        System.out.println("Lemari berhasil ditambahkan!");
        break;
    case 4:
        System.out.print("Masukkan Nama Kasur: ");
        nama = scanner.nextLine();
        System.out.print("Masukkan Material Kasur: ");

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        material = scanner.nextLine();
        System.out.print("Masukkan Harga Kasur: ");
        harga = scanner.nextInt();
        System.out.print("Masukkan Stok Kasur: ");
        stok = scanner.nextInt();
        daftarMebel.add(new Kasur(nama, material, harga, stok));
        System.out.println("Kasur berhasil ditambahkan!");
        break;
    case 5:
        System.out.println();
        break;
    default:
        System.out.println("Pilihan tidak valid!");
    }
}

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

    tampilkanDataFurnitur();

    System.out.print("Masukkan nomor furnitur yang ingin diubah (1-" +
daftarMebel.size() + "): ");
    int pilihan = scanner.nextInt() - 1;

    if (pilihan >= 0 && pilihan < daftarMebel.size()) {
        Mebel furnitur = daftarMebel.get(pilihan);

        System.out.println("**Ubah Data " + furnitur.getNama() + "**");
        System.out.print("Nama baru (" + furnitur.getNama() + "): ");
        String namaBaru = scanner.next();
        if (!namaBaru.isEmpty()) {
            furnitur.setNama(namaBaru);
        }

        System.out.print("Material baru (" + furnitur.getMaterial() + "):
");

        String materialBaru = scanner.next();
        if (!materialBaru.isEmpty()) {
            furnitur.setMaterial(materialBaru);
        }

        System.out.print("Harga baru (Rp" + furnitur.getHarga() + "): ");
        int hargaBaru = scanner.nextInt();
        if (hargaBaru > 0) {

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        furnitur.setHarga(hargaBaru);
    }

    System.out.print("Stok baru (" + furnitur.getStok() + "): ");
    int stokBaru = scanner.nextInt();
    if (stokBaru >= 0) {
        furnitur.setStok(stokBaru);
    }

    System.out.println("Data furnitur berhasil diubah!");
} else {
    System.out.println("Nomor furnitur tidak valid!");
}
}

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

    tampilkanDataFurnitur();

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

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

```

MEBEL JAVA

```
public class Mebel {
    private static int counter = 1;
    protected int id;
    protected String nama;
    protected String material;
    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;
    }

    // Fungsi overloading konstruktor
    public Mebel(String nama, String material, int harga) {
        this(nama, material, harga, 0); // Memanggil konstruktor utama
    }

    // Fungsi overloading setStok
    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;
    }

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



```

1 public class Lemari extends Mebel {
2     private int jumlahPintu;
3
4     public Lemari(String nama, String material, int harga, int stok, int jumlahPintu) {
5         super(nama, material, harga, stok);
6         this.jumlahPintu = jumlahPintu;
7     }
8
9     public int getJumlahPintu() {
10         return jumlahPintu;
11     }
12
13     public void setJumlahPintu(int jumlahPintu) {
14         this.jumlahPintu = jumlahPintu;
15     }
16
17     @Override
18     public String toString() {
19         return super.toString() + ", Jumlah Pintu: " + jumlahPintu;
20     }
21 }

```

```

public class Meja extends Mebel {
    private 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;
    }

    public void setJumlahKaki(int jumlahKaki) {
        this.jumlahKaki = jumlahKaki;
    }

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

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

    @Override
    public String toString() {
        return super.toString() + ", Jumlah Kaki: " + jumlahKaki;
    }
}

```

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

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