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POSTTEST 3

Source Code

Posstest3.java

```java
package com.mycompany.posttest3;

/**
 *
 * @author Swift 3
 */

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;

public class Posttest3 {

    public static void main(String[] args) throws IOException {
        InputStreamReader isr = new InputStreamReader(in: System.in);
        BufferedReader br = new BufferedReader(in: isr);

        ArrayList <festival> dataftv = new ArrayList<>();
        ArrayList <user> datausr = new ArrayList<>();

        while (true){
            System.out.println(x: "==============================");
            System.out.println(x: "=   Pemesanan Tiket Konser   =");
            System.out.println(x: "==============================");
            System.out.println(x: "----------- MENU -----------");
            System.out.println(x: "|     1. Tambah Pesanan      |");
            System.out.println(x: "|     2. Baca Pesanan        |");
            System.out.println(x: "|     3. Ubah Data Pesanan   |");
            System.out.println(x: "|     4. Hapus Pesanan       |");
            System.out.println(x: "|     5. Exit                |");
            System.out.println(x: "==============================");
            System.out.print(s: "Pilih Menu : ");
            int menu = Integer.parseInt(s: br.readLine());
```

```java
            switch (menu) {
                case 1:
                    System.out.println(x: "-----------------------------");
                    System.out.println(x: "--      Tambah Pesanan      --");
                    System.out.println(x: "-----------------------------");
                    System.out.println(x: "|      1. Data Festival     |");
                    System.out.println(x: "|      2. Data User         |");
                    System.out.println(x: "-----------------------------");
                    int pilih = Integer.parseInt(s: br.readLine());
                    switch(pilih){
                        case 1 :
                            System.out.print(s: "Masukkan Nama Festival : ");
                            String nama = br.readLine();
                            System.out.print(s: "Masukkan Nomor Booking : ");
                            int tanggal = Integer.parseInt(s: br.readLine());
                            System.out.print(s: "Masukkan Kouta Tiket : ");
                            int tiket = Integer.parseInt(s: br.readLine());
                            System.out.print(s: "Masukkan Nama Artis : ");
                            String artis = br.readLine();
                            festival baru = new festival(nama, tanggal, tiket, artis);
                            dataftv.add(e: baru);
                            break;

                        case 2 :
                            System.out.println(x: "Masukan Nama   : ");
                            String usrname = br.readLine();
                            System.out.println(x: "Masukkan Nomor Booking : ");
                            int pass = Integer.parseInt(s: br.readLine());
                            System.out.println(x: "Nama Festival   : ");
                            String jmlh = (br.readLine());
                            System.out.println(x: "Masukan Jumlah Tiket : ");
                            int tkt = Integer.parseInt(s: br.readLine());
                            user usrbaru = new user(nama:usrname, tanggal:pass, tkt, artis: jmlh);
                            datausr.add(e: usrbaru);
                            break;
                    }

                case 2:
                    System.out.println(x: "-----------------------------");
                    System.out.println(x: "--       Read Pesanan       --");
                    System.out.println(x: "-----------------------------");
                    System.out.println(x: "|      1. Data Festival     |");
                    System.out.println(x: "-----------------------------");
                    System.out.println(x: "Masukkan pilihan : ");
                    int choose = Integer.parseInt(s: br.readLine());
                    switch (choose) {
                        case 1:
                            System.out.println(x: "Data Festival");
                            System.out.println(x: "1. Data Lengkap");
                            System.out.print(s: "Masukkan pilihan : ");
                            int apa = Integer.parseInt(s: br.readLine());
                            if (apa == 1){
                                for (int i = 0; i < dataftv.size(); i++){
                                    dataftv.get(index: i).displayInfo();
                                }
                            }
                            else{
                                dataftv.get(index: apa).displayInfo(showTIKET: false);
                            }
                            break;

                        case 2:
                            System.out.println(x: "Data user");
                            for (int i = 0; i < datausr.size(); i++){
                            }
                            break;
                        default:
                            System.out.println(x: "Pilihan Tidak Tersedia");
                            break;
                    }
                    break;
```

```java
case 3:
    System.out.println(x: "----------------------------");
    System.out.println(x: "--       Ubah Pesanan        --");
    System.out.println(x: "----------------------------");
    System.out.println(x: "|      1. Data Festival       |");
    System.out.println(x: "|      2. Data User           |");
    System.out.println(x: "----------------------------");
    System.out.print(s: "Masukkan data yang ingin diedit : ");
    int menuEdit = Integer.parseInt(s: br.readLine());
    if(menuEdit == 1){
        System.out.println(x: "Masukan Nama Festival : "); String findFtv = br.readLine();

        for(festival ftv : dataftv){
            if(ftv.getNama().equals(anObject: findFtv)){
                System.out.println(x: "Nama Festival   : "); ftv.setNama(nama: br.readLine());
                System.out.println(x: "Nama Artis      : "); ftv.setArtis(artis: br.readLine());
                System.out.println(x: "Nomor Booking   : "); ftv.setTanggal(tanggal: Integer.parseInt(s: br.readLine()));
                System.out.println(x: "Kouta Tiket     : "); ftv.setTiket(tiket: Integer.parseInt(s: br.readLine()));
            }
        }


    }else if(menuEdit == 2){
        System.out.println(x: "Masukan Nama : "); String findUsr = br.readLine();
        for(user usr : datausr){
            if(usr.getNama().equals(anObject: findUsr)){
                System.out.println(x: "Nama            : "); usr.setNama(nama: br.readLine());
                System.out.println(x: "Nomor Booking   : "); usr.setTanggal(tanggal: Integer.parseInt(s: br.readLine()));
                System.out.println(x: "Nama Festival   : "); usr.setArtis(artis: br.readLine());
                System.out.println(x: "Jumlah Tiket    : "); usr.setTkt(tkt: Integer.parseInt(s: br.readLine()));
            }
        }

    }else{
        System.out.println(x: "Data yang dipilih tidak tersedia");
    }
    break;

        case 4:
            System.out.println(x: "----------------------------");
            System.out.println(x: "--       Delete Pesanan      --");
            System.out.println(x: "----------------------------");
            System.out.println(x: "|      1. Data Festival       |");
            System.out.println(x: "|      2. Data User           |");
            System.out.println(x: "----------------------------");
            System.out.print(s: "Masukkan data yang ingin dihapus : ");
            int menuHapus = Integer.parseInt(s: br.readLine());
            if(menuHapus == 1){
                System.out.println(x: "Masukan Nama festival : "); String findftv1 = br.readLine();

                for(int i = 0; i < dataftv.size(); i++){
                    if(dataftv.get(index: i).getNama().equals(anObject: findftv1)){
                        dataftv.remove(index: i);
                        System.out.println(x: " Data Terhapus!\n");
                    }
                }

            }else if(menuHapus == 2){
                System.out.println(x: "Masukan Nama : "); String findusr1 = br.readLine();

                for(int i = 0; i < datausr.size(); i++){
                    if(datausr.get(index: i).getNama().equals(anObject: findusr1)){
                        datausr.remove(index: i);
                        System.out.println(x: " Data Terhapus!\n");
                    }
                }
            }
            break;
        case 5 :
            System.out.println(x: "--------------------------------------");
            System.out.println(x: "--  Terima Kasih Telah Menggunakan Program  --");
            System.out.println(x: "--------------------------------------");
            System.exit(status: 0);
            break;
```

```java
164                    }
165
166            }else if(menuHapus == 2){
167                System.out.println(x: "Masukan Nama : "); String findusr1 = br.readLine();
168
169                for(int i = 0; i < datausr.size(); i++){
170                    if(datausr.get(index: i).getNama().equals(anObject: findusr1)){
171                        datausr.remove(index: i);
172                        System.out.println(x: " Data Terhapus!\n");
173                    }
174                }
175            }
176        break;
177    case 5 :
178        System.out.println(x: "------------------------------------------");
179        System.out.println(x: "--  Terima Kasih Telah Menggunakan Program  --");
180        System.out.println(x: "------------------------------------------");
181        System.exit(status: 0);
182        break;
183    default :
184        System.out.println(x: "Pilihan Tidak Ada!");
185    }
186    }
187 }
```

Festival.java

```java
package com.mycompany.posttest3;

/**
 *
 * @author Swift 3
 */
public class festival extends tiket{
    private int tiket;

    public festival(String nama, int tanggal, int tiket, String artis){
        super(nama, tanggal, artis);
        this.tiket = tiket;
    }

    public int getTiket() {
        return tiket;
    }

    public void setTiket(int tiket) {
        this.tiket = tiket;
    }

    @Override
    public void displayInfo(){
        super.displayInfo();
        System.out.println("Kouta Tiket: " + this.tiket);
    }

    public void displayInfo(boolean showTIKET){
        if (showTIKET) displayInfo();
        else super.displayInfo();
    }
}
```

User.java

```java
package com.mycompany.posttest3;

/**
 *
 * @author Swift 3
 */
public class user extends tiket{
    private int tkt;

    public user (String nama, int tanggal, int tkt, String artis){
        super(nama, tanggal, artis);
        this.tkt = tkt;
    }

    public int getTkt() {
        return tkt;
    }

    public void setTkt(int tkt) {
        this.tkt = tkt;
    }

    @Override
    public void displayInfo(){
        super.displayInfo();
        System.out.println("tiket : " + this.tkt);
    }

    public void displayInfo(boolean showTKT){
        if (showTKT) displayInfo();
        else super.displayInfo();
    }
}
```

Tiket.java

```java
package com.mycompany.posttest3;

public class tiket {
    static protected String nama, artis;
    static protected int tanggal;

    public tiket (String nama, int tanggal, String artis){
        this.nama = nama;
        this.tanggal = tanggal;
        this.artis = artis;
    }

    public String getNama() {
        return nama;
    }

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

    public String getArtis() {
        return artis;
    }

    public void setArtis(String artis) {
        this.artis = artis;
    }

    public int getTanggal() {
        return tanggal;
    }

    public void setTanggal(int tanggal) {
        this.tanggal = tanggal;
    }

    public void displayInfo(){
        System.out.println("Nama : " + this.nama);
        System.out.println("Nomor Booking : " + this.tanggal);
        System.out.println("Artis : " + this.artis);
    }
}
```