PEMPROGRAMAN BERBASIS OBJEK POSTTEST 4



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SS PROGRAM (hanya ss program yang diganti atau ditambahkan aja sesuai dengan aturan penerapan yang diperintahkan pada posttest 4):

Admin.java:

CustomParfum.java:

```
public class CustomParfum extends Pelanggan {
   public String idCustom;
   public String kelasParfum;
   public String notesParfum;
   public double hargaCustom;
   public CustomParfum(String idPelanggan, String idCustom, String kelasParfum,
                      String notesParfum, double hargaCustom) {
       super(idPelanggan, nama:"Pelanggan Custom", email:"-", password:"-", alamat:"-", noTelp:"-");
       this.idCustom = idCustom;
       this.kelasParfum = kelasParfum;
       this.notesParfum = notesParfum;
       this.hargaCustom = hargaCustom;
   @Override
   public void displayInfo() {
       System.out.println("Pelanggan Custom - ID: " + getIdPelanggan() +
                       ", Custom ID: " + idCustom + ", Kelas: " + kelasParfum);
   public String getkelasparfum() {
       throw new UnsupportedOperationException(message: "Unimplemented method 'getkelasparfum'");
```

Pelanggan.java:

```
package kelas;

public class Pelanggan (
    private String idPelanggan;
    private String nama;
    private String nama;
    private String password;
    private String password;
    private String alamat;
    private String noTelp;

public Pelanggan(String idPelanggan, String nama, String email, String password, String alamat, String noTelp) {
    this.idPelanggan = idPelanggan;
    this.nama = nama;
    this.nama = nama;
    this.noTelp = noTelp;
}

public String getIdPelanggan() {
    return idPelanggan;
    }

public void setIdPelanggan(String idPelanggan) {
    this.idPelanggan = idPelanggan;
    }

public void setIdPelanggan;
    }

public String getNama() {
    return nama;
    }

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

public String getFmail() {
    return email;
    }

public void setRmail(String email) {
    this.email = email;
    }

public void setEmail(String email) {
    this.email = email;
    }

public String getPassword() {
    return password;
}
```

```
return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getAlamat() {

return alamat;

}

public void setAlamat(String alamat) {

this.alamat = alamat;

}

public String getNoTelp() {

return noTelp;

public void setNoTelp(String noTelp) {

this.noTelp = noTelp;

public void displayInfo() {

System.out.println("ID: " + idPelanggan + ", Nama: " + nama + ", Email: " + email);

}

}
```

ScentiqueSystem.java:

```
Inport java.util.*;

import java.util.*;

import java.util.*;

public class ScentiqueSystem {

static Scanner scanner = new Scanner(System.in);

static Scanner scanner = new Scanner(System.in);

static ArraylistCrelangean deftareParfum = new ArraylistCr();

static ArraylistCrelangean deftareParfum = new ArraylistCr();

public static void tamplikaninfoPelanggan(Pelanggan pelanggan) {

public static void tamplikaninfoPelanggan(Pelanggan pelanggan) {

public static void tamplikaninfoPelanggan(Pelanggan pelanggan) {

pelanggan.displayInfo();

fi (showdrall) {

system.out.println(scanner dadin) {

instanceof pattern can be used here

((dotin)pelanggan instanceof dadin) {

instanceof pattern can be used here

((dotin)pelanggan.displayInfo();

}

} clas if (pelanggan instanceof Gostenfarfum) {

instanceof pattern can be used here

((dotin)pelanggan.displayInfo();

}

} clas if (pelanggan instanceof Gostenfarfum) {

instanceof pattern can be used here

(system.out.println("Kclas Parfum: " + ((CustoeParfum)pelanggan).getkelasparfum()); // Method khusus CustomParfum

}

} clas if (pelanggan instanceof Gostenfarfum) {

instanceof pattern can be used here

(system.out.println("Kclas Parfum: " + ((CustoeParfum)pelanggan).getkelasparfum()); // Method khusus CustomParfum

}

} clas if (pelanggan instanceof Gostenfarfum) {

instanceof pattern can be used here

(system.out.println("Kclas Parfum: " + ((CustoeParfum)pelanggan).getkelasparfum()); // Method khusus CustomParfum

}

sle if (pelanggan instanceof Gostenfarfum) {

instanceof pattern can be used here

(system.out.println("Sintenfarfum) {

instanceof pattern can be used here

(system.out.println("Sintenf
```

```
pilihan = scanner.nextInt();
         scanner.nextLine();
         switch (pilihan) {
                 tambahParfum();
             case 2:
                 lihatParfum();
             case 3:
                hapusParfum();
             case 4:
                System.out.println(x:"\nDemo Polymorphism:");
for (Pelanggan p : daftarPelanggan) {
    tampilkanInfoPelanggan(p, showDetail:true);
             case 5:
                 System.out.println(x:"Terima kasih telah menggunakan sistem Scentique!");
                 System.out.println(x:"Pilihan tidak valid.");
    } while (pilihan != 5);
static void tambahParfum() {
   System.out.print(s:"Masukkan ID Parfum: ");
    String idParfum = scanner.nextLine().trim();
    if (idParfum.isEmpty()) {
        System.out.println(x:"ID Parfum tidak boleh kosong!");
    String namaParfum = scanner.nextLine().trim();
    if (namaParfum.isEmpty()) {
    System.out.println(x:"Nama Parfum tidak boleh kosong!");
```

```
System.out.print(s:"Masukkan Harga Parfum: ");
              while (!scanner.hasNextDouble()) {
                  System.out.println(x:"Input harus berupa angka!");
                  scanner.next();
              double hargaParfum = scanner.nextDouble();
              System.out.print(s:"Masukkan Stok Parfum: ");
              while (!scanner.hasNextInt()) {
                  System.out.println(x:"Input harus berupa angka!");
                  scanner.next();
              int stok = scanner.nextInt();
              scanner.nextLine();
              daftarParfum.add(new Parfum(idParfum, namaParfum, hargaParfum, stok));
              System.out.println(x:"Parfum berhasil ditambahkan!");
          static void lihatParfum() {
              if (daftarParfum.isEmpty()) {
                  System.out.println(x:"Tidak ada parfum dalam daftar.");
                  System.out.println(x:"Daftar Parfum:");
                  for (Parfum p : daftarParfum)
                      System.out.println("ID: " + p.getIdParfum() + ", Nama: " + p.getNamaParfum() +
                                      ", Harga: " + p.getHargaParfum() + ", Stok: " + p.getStok());
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          static void hapusParfum() {
              if (daftarParfum.isEmpty()) {
                  System.out.println(x:"Tidak ada parfum dalam daftar.");
                  return;
```