PBO POSTTEST 6



Informatika A'23

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PROGRAM STUDI INFORMATIKA UNIVERSITAS MULAWARMAN SAMARINDA

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Pelanggan

```
Pelanggan.java
   private String nama; 4 usages
private String alamat; 4 usages
private String noTelp; 4 usages
        this.alamat = alamat;
this.noTelp = noTelp;
   public void setNama(String nama) { this.nama = nama; }
   public void setAlamat(String alamat) { this.alamat = alamat; }
   public String getInfoPelanggan() { 3 usages 2 overrides # Rafif Zahran Haryadi
    return "Tipe: " + getTipePelanggan() + "\nNama: " + nama + "\nAlamat: " + alamat + "\nNo Telp: " + noTelp + "\nNo KTP: " + noKTP;
```

Pelanggan Biasa

```
PelangganBiasa.java
package entity;

public class PelangganBiasa extends Pelanggan { 2 usages ** Rafif Zahran Haryadi

public PelangganBiasa(String nama, String alamat, String noTelp, String noKTP) {
    super(nama, alamat, noTelp, noKTP);
  }

@Override 1 usage ** Rafif Zahran Haryadi
    public String getTipePelanggan() {
        return "Biasa";
    }
}
```

Pelanggan Reguler

```
PelangganReguler.java
package entity;
public class PelangganReguler extends Pelanggan implements MemberBenefit{ 3 usages 🕹 Rafif Zahran Har
   private int poin; 5 usages
   public PelangganReguler(String nama, String alamat, String noTelp, String noKTP, int poin) {
       super(nama, alamat, noTelp, noKTP);
       this.poin = poin;
   @Override 3 usages ≜ Rafif Zahran Haryadi
   public String getInfoPelanggan() { return super.getInfoPelanggan() + "\nPoin: " + poin; }
       return poin * 0.1; // setiap poin dihargai 0.1
   public String getDeskripsiBenefit() {
       return "Potongan harga sebesar Rp " + hitungBenefit();
   public double hitungDiskon(double totalBayar) {
   public String deskripsiBenefit() {
   public int getPoin() { return poin; }
   public void setPoin(int poin) { this.poin = poin; }
   public String getTipePelanggan() { return "Reguler"; }
```

Pelanggan Premium

Datauser

```
🔵 🏮 dataUser.java
     public List<Pelanggan> pelangganList = new ArrayList<>(); //default 9 usages
protected List<String> userAccount = new ArrayList<>(); //protected 3 usages
     public void <u>tambahPelanggan</u>(String <u>nama</u>, String <u>alamat</u>, String no<u>Telp</u>, String noKTP) { 1usage ±Rafff Z
Pelanggan pelanggan = new PelangganBiasa(nama, alamat, noTelp, noKTP); // ☑
     int inex = 1;
for (Pelanggan pelanggan : pelangganList) {
    System.out.println("No." + index++);
    System.out.println("Nama: " + pelanggan.getNama());
    System.out.println("Nalamat: " + pelanggan.getAlamat());
    System.out.println("No IElp: " + pelanggan.getNoTelp());
    System.out.println("No KFP: " + pelanggan.getNoKTP());
    System.out.println("souther in the pelanggan.getNoKTP());
    System.out.println("souther in the pelanggan.getNoKTP());
    System.out.println("souther in the pelanggan.getNoKTP());

     public void updatePelanggan(String noKTP, String nama, String alamat, String noTelp) { 1usage ±Rafff Z
    Pelanggan pelanggan = cariPelanggan(noKTP);
                       System.out.println("Data berhasil diupdate");
                      System.out.println("Data tidak ditemukan");
             Pelanggan pelanggan = cariPelanggan(noKTP);
if (pelanggan != null) {
     // Overload <u>pelanggan reguler</u>

public void <u>tambahPelanggan</u>(String <u>nama</u>, String <u>alamat</u>, String no<u>Telp</u>, String noKTP, int <u>poin</u>) { lust
     public void tambahPelanggan(string nama, String alamat, String noTelp, String noKTP, double diskon) {
   PelangganPremium pelanggan = new PelangganPremium(nama, alamat, noTelp, noKTP, diskon);
```

```
MemberBenefit.java
package entity;

public interface MemberBenefit { 2 usages 2 i
    double hitungBenefit(); 1 usage 2 implemen

String getDeskripsiBenefit(); no usages

double hitungDiskon(double totalBayar);
String deskripsiBenefit(); no usages 2 im
}
```