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1. * File Resto.java

```
Package nomor1;  
abstract class Resto {  
    String topping, ukuran, nama, Piringan;  
    int biaya;  
    public abstract void topping();  
    public abstract void ukuran();  
    public abstract void Piringan();  
    public abstract void cetakData (String nama);  
    public abstract void cetakTotal (int Ptopping, int PPiringan, int Pukuran);  
}
```

* File Class-Pizza.java

```
Package nomor1;  
Public class Class-Pizza extends Resto {  
    Private int biaya, htop, hping, huk;  
    Private String nama, top, Ping, uk;  
    Private String topping[] = { "Meat-Lover", "Super Supreme", "American Favorite" };  
    Private int htopping[] = { 84000, 84000, 74000 };  
    Private String Piringan[] = { "Original crust", "stuffed crust", "chesy bites" };  
    Private int hPiringan[] = { 0, 22000, 22000, 32000 };  
    Private String ukuran[] = { "Regular 8 Slice", "Jumbo 10 Slice" };  
    Private int hukuran[] = { 0, 40000 };  
    Private int Ptopping[] = { 1, 2, 3 };  
    Private int PPiringan[] = { 1, 2, 3, 4 };  
    Private int Pukuran[] = { 1, 2 };  
}
```

@Override

```
Public void topping() {  
    this.topping = topping;  
}
```

@Override

```
Public void Piringan() {  
    this.Piringan = Piringan;  
}
```


@Override

```
Public void cetakData (String name) {
```

```
    this.name = name;
```

```
    System.out.println ("Nama pemesan = " + this.name);
```

```
}
```

@Override

```
Public void cetakData (int Ptoping, int Ppingiran, int Pukuran) {
```

```
    for (int i = 0; i < this.Ptoping.length; i++) {
```

```
        if (Ptoping == this.Ptoping[i]) {
```

```
            top = toping[i];
```

```
            htop = htoping[i];
```

```
        }
```

```
    }
```

```
    for (int i = 0; i < this.Pukuran.length; i++) {
```

```
        if (Pukuran == this.Pukuran[i]) {
```

```
            uk = ukuran[i];
```

```
            huk = hukuran[i];
```

```
        }
```

```
    }
```

```
    for (int i = 0; i < this.Ppingiran.length; i++) {
```

```
        if (Ppingiran == this.Ppingiran[i]) {
```

```
            ping = pingiran[i];
```

```
            hping = hpingiran[i];
```

```
        }
```

```
    System.out.println ("Pizza yang dipesan = " + top + "/" + ping + " / "
```

```
    + uk);
```

```
    biaya = htop + hping + huk;
```

```
    System.out.println ("Total Biaya = RP. " + biaya);
```

```
}
```

```
}
```

* File class_utama.java

```
Package nomor1;
```

```
import java.util.Scanner;
```

```
Public Class class_utama {
```

```
    Public Static void main (String [] args) {
```

```
        String nama;
```

```
        int Ptop, Pping, Puk;
```

```
        Class-Pizza Pizza = new class-Pizza;
```



```

Scanner Scan = new Scanner (System.in);
System.out.println ("-----\n"
+ "          PIZZA MOTORU          \n"
+ "    Terkenal Sejak Tahun 1988 \n"
+ "-----");
System.out.print ("Input Data Pemesanan\nMasukan Nama Anda : ");
nama = Scan.next();
System.out.print ("InDaftar Topping / Rasa Pizza\n"
+ "1. Meat Lover (Rp. 84.000)\n"
+ "2. Super Supreme (Rp. 84.000)\n"
+ "3. American Favorite (Rp. 74.000)\n"
+ "Topping Pilihan anda = ");
Ptop = Scan.next();
System.out.print ("In Daftar Pinggiran Pizza\n" +
"1. Original crust (Rp. 0)\n" +
"2. Stuffed crust (Rp. 22.000)\n" +
"3. Sausage crust (Rp. 22.000)\n" +
"4. Cheesy Bites (Rp. 32.000)\n" +
"Pinggiran Pilihan anda = ");
Pping = Scan.next();
System.out.print ("In Daftar Ukuran Pizza\n" +
"1. Regular 8 Slice (Rp. 0)\n" +
"2. Jumbo 10 Slice (Rp. 40.000)\n" +
"Ukuran Pilihan anda = ");
Puk = Scan.next();
System.out.println ("In ===== Data Pesanan =====");
Pizza.cetakData (nama);
Pizza.cetakTotal (Ptop, Pping, Puk);
System.out.println ("=====");

```


2. * file lingkaran.java

Package nomor2;

Public class lingkaran {

double Panggang, lebar, tinggi, sisi, Volumeb, Volumek, Volumel, luasPermukaanb, luasPermukaanl, luasPermukaank, r, pi;

Public void lingkaran (double pi, double r, double tinggi) {

this.r = r;

this.pi = pi;

this.tinggi = tinggi;

Volumeel = $\pi * r * r * tinggi$;

luasPermukaanl = $\pi * r * r$;

System.out.println(" Volume lingkaran : " + Volumeel + "\n" +

" luasPermukaanl : " + luasPermukaanl); }

* file kerucut.java

Package nomor2; Public class kerucut extends lingkaran {

double Jari, phi, tinggi, s;

Public void kerucut (double r, double d, double t, double s) {

this.Jari = Jari;

this.pi = pi;

this.tinggi = tinggi;

this.s = s;

VolumeK = $Jari * \pi * tinggi$;

luasPermukaanK = $\pi * Jari * (Jari * s)$;

System.out.println(" Volume kerucut : " + VolumeK + "\n" +

" luasPermukaan kerucut : " + luasPermukaanK);

}

}

* file bola.java

Package nomor2;

Public class bola extends lingkaran {

double r, pi;

Public void bola (double pi, double r) {

this.r = r;

this.pi = pi;

Volumeb = $\frac{4}{3} * \pi * r^3$;

luasPermukaanb = $4 * \pi * r^2$;

System.out.println(" Volume bola : " + Volumeb + "\n" +

" luasPermukaan bola : " + luasPermukaanb); }

* File main.java

Package nomor2;

import java.util.Scanner;

Public Class main {

Public Static Void main (String [] args) {

Scanner scan = new Scanner (System.in);

System.out.Print ("masukan nilai Radius : ");

double r = scan.nextDouble();

System.out.Print ("masukan nilai tinggi : ");

double t = scan.nextDouble();

System.out.Print ("masukan nilai sisi : ");

double s = scan.nextDouble();

lingkaran ln = new lingkaran ();

bola bl = new bola ();

kubus kc = new kubus ();

kc.kubus (r, (3.14), t, s);

bl.bola (3.14, r);

ln.lingkaran (r, 3.14, t);

}

3. *file Identitas.java {

Package nomor3;

Interface Identitas {

abstract void SetNama (String Input Nama);

abstract void SetUmur (int Input Umur);

abstract void SetAlamat (String Input Alamat);

Public String getNama();

Public int getUmur();

Public String getAlamat();

}

*file anak.java

Package nomor3;

Class Anak implements Identitas {

String nama; alamat;

int umur;

Public class anak (String InputNama, int InputUmur, String InputAlamat) {

nama = InputNama;

umur = InputUmur;

alamat = InputAlamat;

}

@Override

Public void SetNama (String Input Nama) {

nama = InputNama;

}

@Override

Public void SetUmur (int InputUmur) {

umur = InputUmur;

}

@Override

Public void SetAlamat (String InputAlamat) {

alamat = InputAlamat;

}

@Override

Public String getNama () {

Return nama;

}

@Override

Public int getUmur () {


```
return umur;
```

```
}
```

```
@Override
```

```
public String getAlamat () {
```

```
return alamat;
```

```
}
```

```
@Override
```

```
public String toString () {
```

```
return
```

```
" Nama : " + nama + "\n" +
```

```
" Alamat : " + alamat + "\n" +
```

```
" Umur : " + umur + "\n" );
```

```
}
```

```
}
```

```
* file main.java
```

```
package rumus3;
```

```
import java.util.Scanner;
```

```
public class main {
```

```
public static void main (String [] args) {
```

```
Scanner scan = new Scanner (System.in);
```

```
System.out.print ("Masukkan data nama anak : ");
```

```
String nama = scan.next();
```

```
System.out.print ("Masukkan umur anak : ");
```

```
umur = scan.nextInt();
```

```
System.out.print ("Masukkan Alamat : ");
```

```
String alamat = scan.next();
```

```
Anak a1 = new Anak (nama, umur, alamat);
```

```
System.out.print ("\n informasi anak \n " + a1 + "\n");
```

```
if (umur != null) {
```

```
for (int i=0; i<=1; i++) {
```

```
if (umur <= 2) {
```

```
String Dokter = "Dr. Rina";
```

```
} else if (umur >= 3 & umur <= 5) {
```

```
String Dokter = "Dr. Kiki";
```

```
} else if (umur >= 6) {
```

```
String Dokter = "Dr. Ari";
```

```
} else {
```

```
System.out.print ("error");
```



```
}  
    System.out.println ( " Dirawat oleh : " + Dokter );  
}  
}
```

Output :

Selamat datang

Masukkan nama anak : Rina

masukkan umur anak : 5

masukkan alamat : Kp. Bakung

Informasi anak :

nama : Rina

umur : 5

alamat : Kp. Bakung

Dirawat oleh : Dr. Kiki

