PRAKTIKUM PEMROGRAMAN BERORIENTASI OBJEK

Bab 2
CLASS dan OBJECT
LATIHAN 2.4



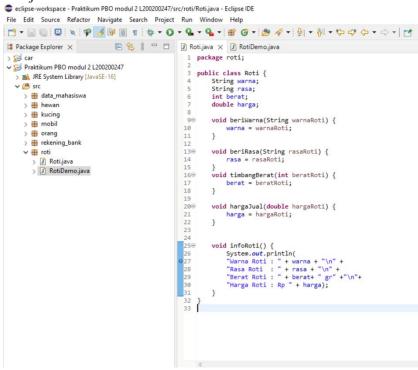
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2.4. LATIHAN

1. Silakan modifikasi class RotiDemo dan buatlah 3 object baru di dalamnya

Roti.java



RotiDemo.java

```
eclipse-workspace - Praktikum PBO modul 2 L200200247/src/roti/RotiDemo.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
🖺 Package Explorer 🗴 🕒 🖺 😩 🗀 🔲 📝 Roti.java 📝 RotiDemo.java 🗴
                                                                               1 package roti;

✓ 

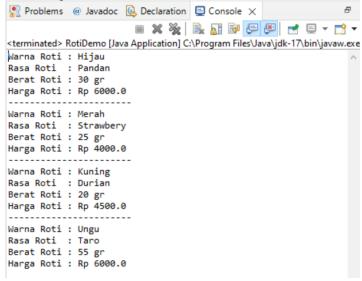
✓ Praktikum PBO modul 2 L200200247

                                                                                  public class RotiDemo{
  public class RotiDemo{
    public static void main(String[] args) {
        Roti varian = new Roti();
        varian.beriwlarna("Hijau");
        varian.beriRasa("Pandan");
        varian.timbangBerat(30);
        varian.tambangBerat(30);
        varian.hargaJual(6000);
        varian.infoRoti();
}
    > M JRE System Library [JavaSE-16]

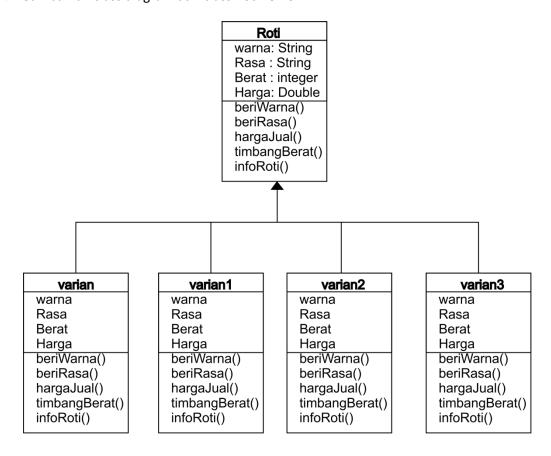
✓ (## src

→ (## data_mahasiswa
        > # kucina
        > 🌐 mobil
        > 🌐 orang
        > # rekening_bank
                                                                                                System.out.println("----");
        🗸 🌐 roti
                                                                                                Roti varian1 = new Roti();
varian1.beriWarna ("Merah");
varian1.beriRasa ("Strawbery");
varian1.timbangBerat (25);
varian1.hargaJual(4000);
varian1.infoRoti();
           > 🚺 Roti.java
            >  RotiDemo.java
                                                                                                 System.out.println("----");
                                                                                                 Roti varian2 = new Roti();
                                                                                                rout varian2 = new Roti();
varian2.berikanna ("Kuning");
varian2.beriRasa ("Durian");
varian2.timbangBerat (20);
varian2.hargaJual(4500);
varian2.infoRoti();
                                                                                                System.out.println("----");
                                                                                                Roti varian3 = new Roti();
varian3.beriWarna ("Ungu");
varian3.beriRasa ("Taro");
varian3.timbangBerat (55);
varian3.hargaJual(6000);
varian3.infoRoti();
roti.RotiDemo.java - Praktikum PBO modul 2 L200200247/src
```

Hasil Output:

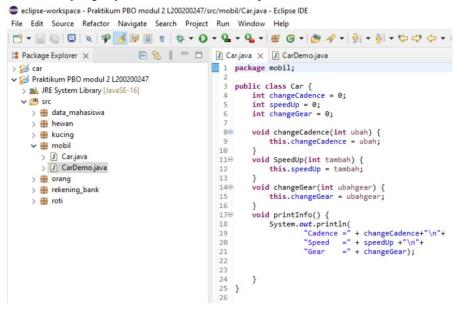


2. Gambarkan class diagram dari class RotiDemo

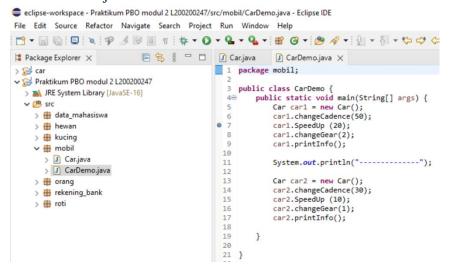


3. Buatlah satu class baru yang bisa digunakan sebagai template/ blueprint dari class CarDemo seperti terlihat pada Program 3. Class baru tersebut tidak memiliki fungsi main().

Class baru yang saya buat,diberi nama Car.java



Class CarDemo.java

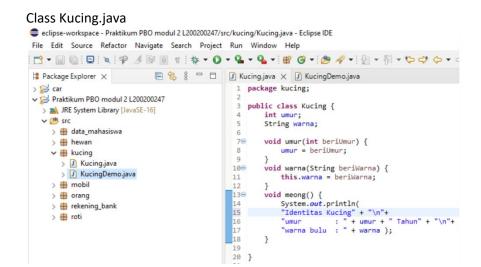


Hasil Output (setelah dibuat class baru class CarDemo.java dapat di run dan berikut outputnya):

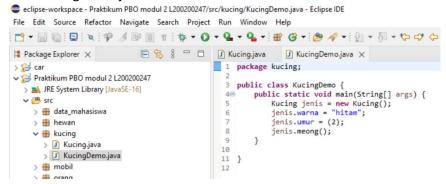
```
Problems @ Javadoc Declaration Console X

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```

 Buatlah suatu class yang dapat merepresentasikan sifat-sifat dari object Kucing. Object ini memiliki field/variable/properties berupa umur, warna bulu dan method berupa meong() dan umur()



Class KucingDemo.java

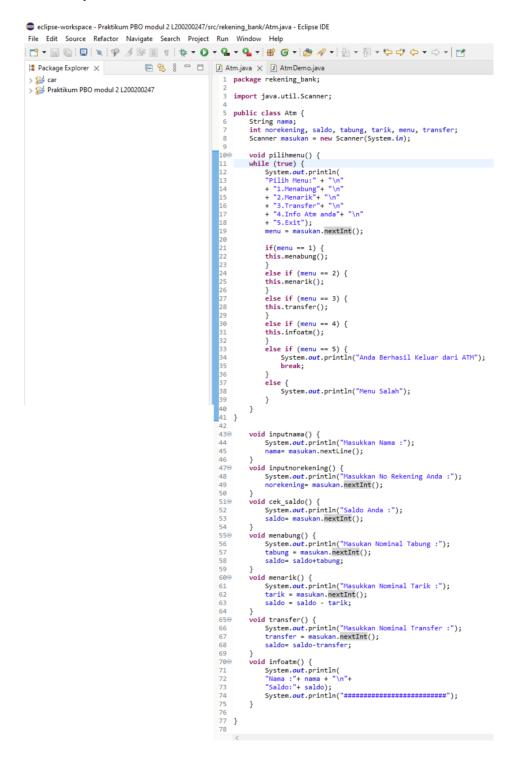


Hasil Outputnya:



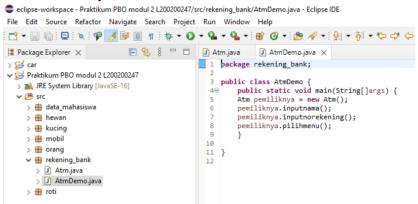
- 5. Salah satu aplikasi PBO yang sangat umum adalah berupa aplikasi keuangan. Bank Account (Rekening Bank) adalah salah satu hal yang dapat dijadikan sebagai suatu object di dalam PBO
 - Buatlah suatu class yang dapat merepresentasikan Object Rekening tersebut. Variabel dari object ini adalah saldo, no_rekening, nama dan method berupa cek_saldo(), menabung(), menarik(), dan transfer()

Class Atm.java



b. Buatlah suatu class yang memiliki sebuah fungsi main() yang digunakan untuk mendemokan pembuatan object

Class AtmDemo.java



Hasil Output setelah di run:



6. Perhatikan Class String yang ada di dalam dokumentasi Java. Sebutkan daftar variable dan fungsi/method yang dimiliki oleh Class String tersebut.

Variabel:

Class Roti : Warna, RasaClass Kucing : WarnaClass Atm : Nama

Method:

Class Roti : void beriWarna() dan void beriRasa()

Class Kucing : void beriWarna()Class Atm : void inputNama()