Nama : Alif Al Amin

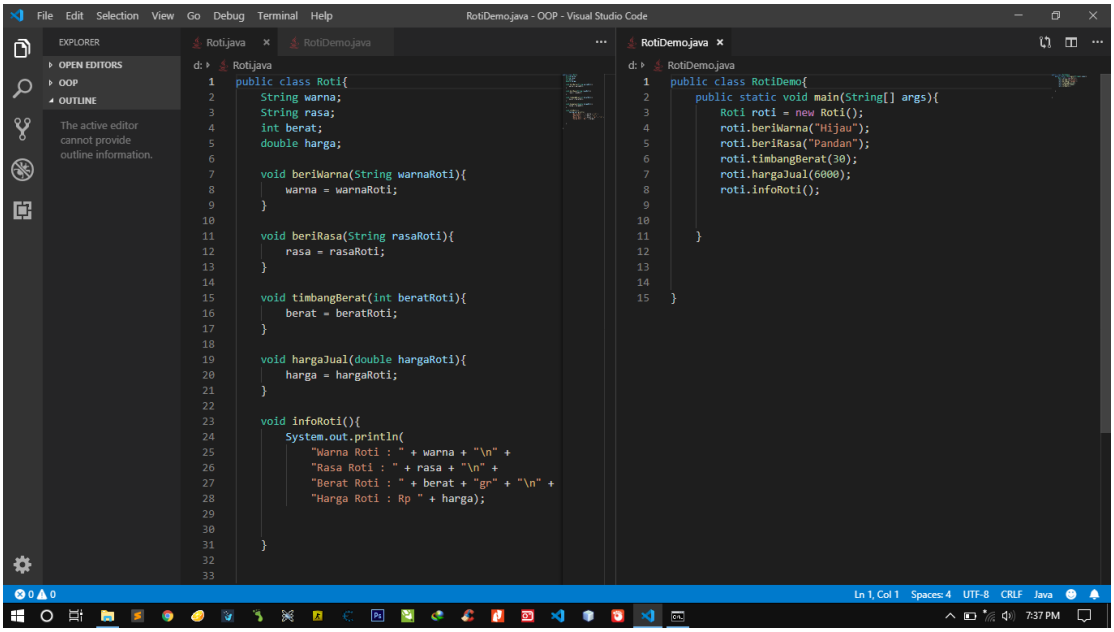
NIM : L200180082

Kelas : B

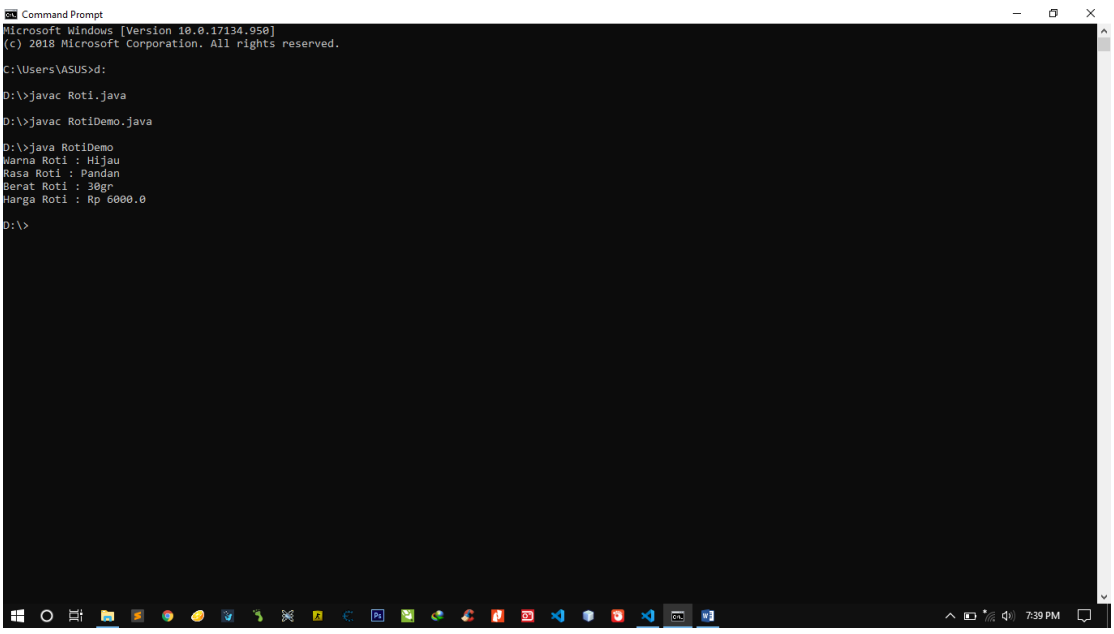
Modul 2

1. Membuat class Roti dan RotiDemo

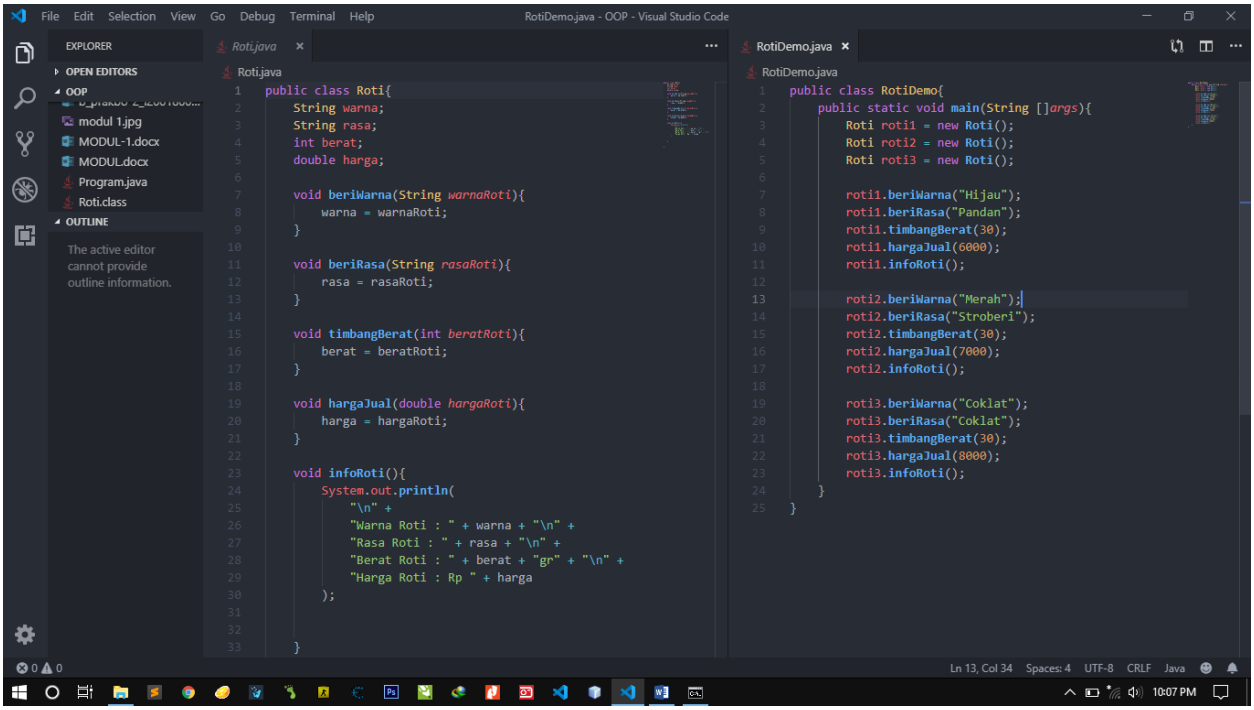
Code :



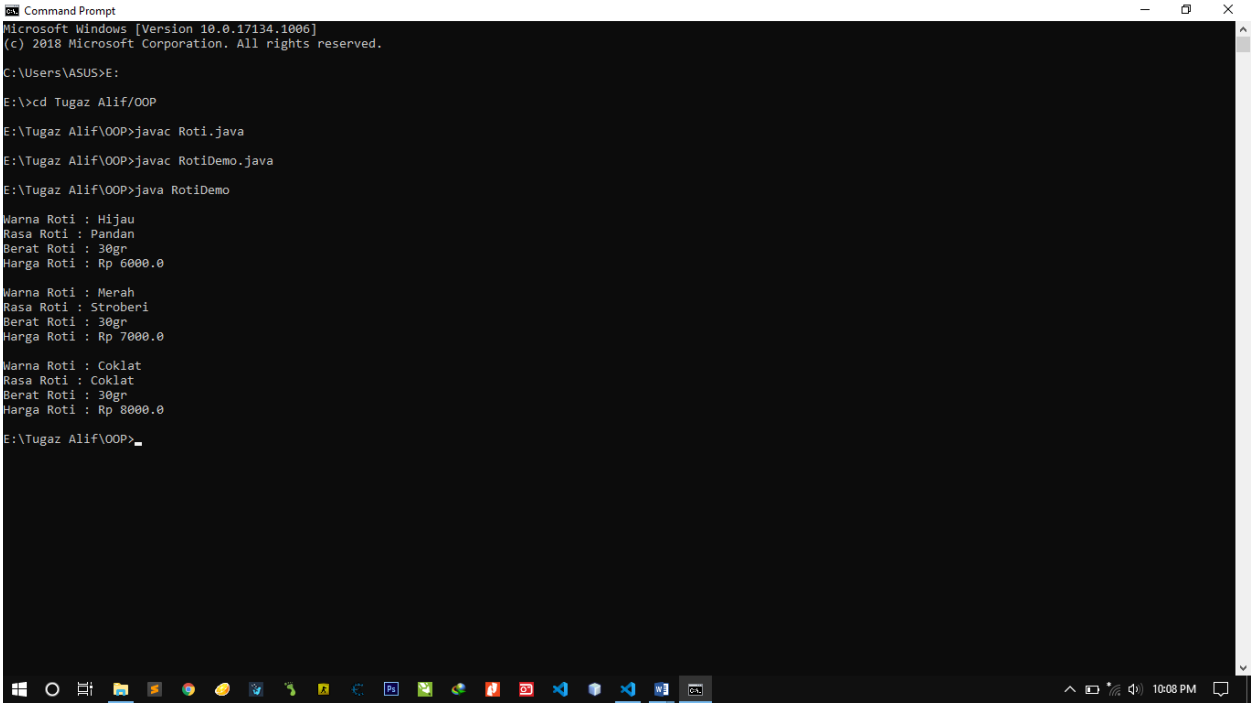
Hasil CMD :



2. Memodifikasi class RotiDemo dan menambah 3 object



```
File Edit Selection View Go Debug Terminal Help   RotiDemo.java - OOP - Visual Studio Code

EXPLORER
OPEN EDITORS
OOP
  modul 1.jpg
  MODUL-1.docx
  MODUL.docx
  Program.java
  Roti.class
OUTLINE
The active editor cannot provide outline information.

Roti.java
public class Roti{
    String warna;
    String rasa;
    int berat;
    double harga;

    void beriWarna(String warnaRoti){
        warna = warnaRoti;
    }

    void beriRasa(String rasaRoti){
        rasa = rasaRoti;
    }

    void timbangBerat(int beratRoti){
        berat = beratRoti;
    }

    void hargaJual(double hargaRoti){
        harga = hargaRoti;
    }

    void infoRoti(){
        System.out.println(
            "\n" +
            "Warna Roti : " + warna + "\n" +
            "Rasa Roti : " + rasa + "\n" +
            "Berat Roti : " + berat + "gr" + "\n" +
            "Harga Roti : Rp " + harga
        );


    }

RotiDemo.java
public class RotiDemo{
    public static void main(String []args){
        Roti roti1 = new Roti();
        Roti roti2 = new Roti();
        Roti roti3 = new Roti();

        roti1.beriWarna("Hijau");
        roti1.beriRasa("Pandan");
        roti1.timbangBerat(30);
        roti1.hargaJual(6000);
        roti1.infoRoti();

        roti2.beriWarna("Merah");
        roti2.beriRasa("Stroberi");
        roti2.timbangBerat(30);
        roti2.hargaJual(7000);
        roti2.infoRoti();

        roti3.beriWarna("Coklat");
        roti3.beriRasa("Coklat");
        roti3.timbangBerat(30);
        roti3.hargaJual(8000);
        roti3.infoRoti();
    }
}

Ln 13, Col 34  Spaces: 4  UTF-8  CRLF  Java
10:07 PM
```

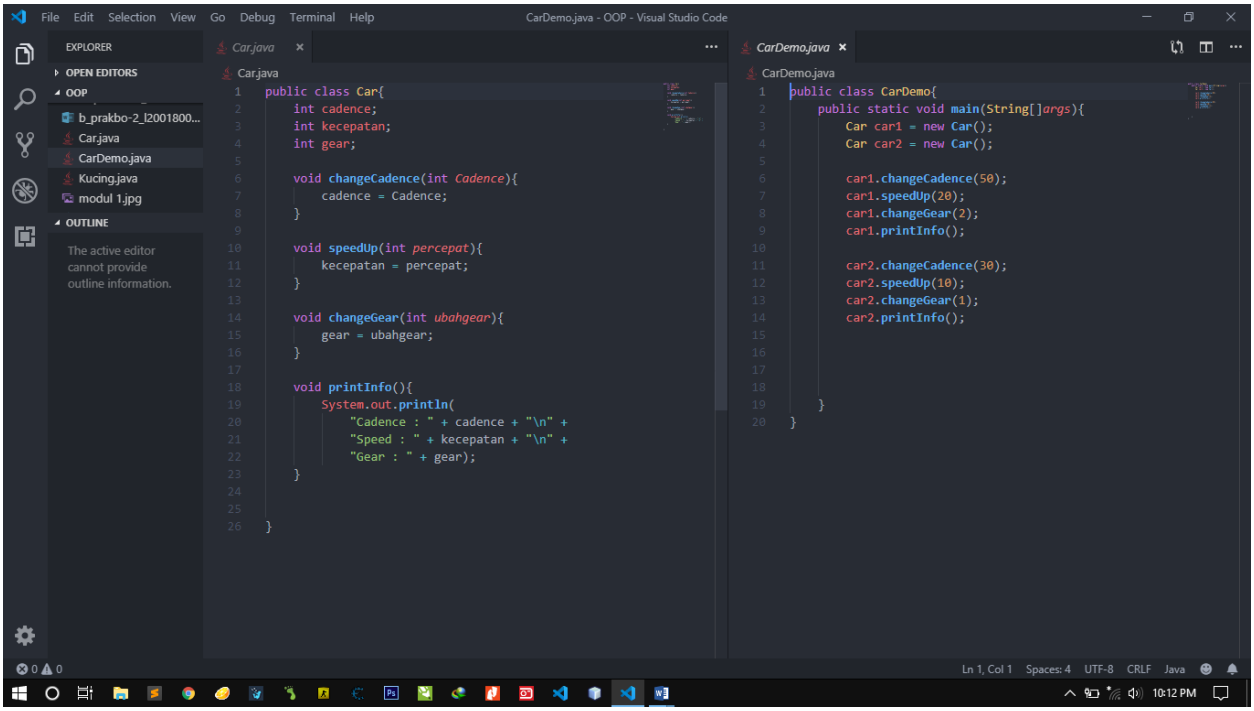


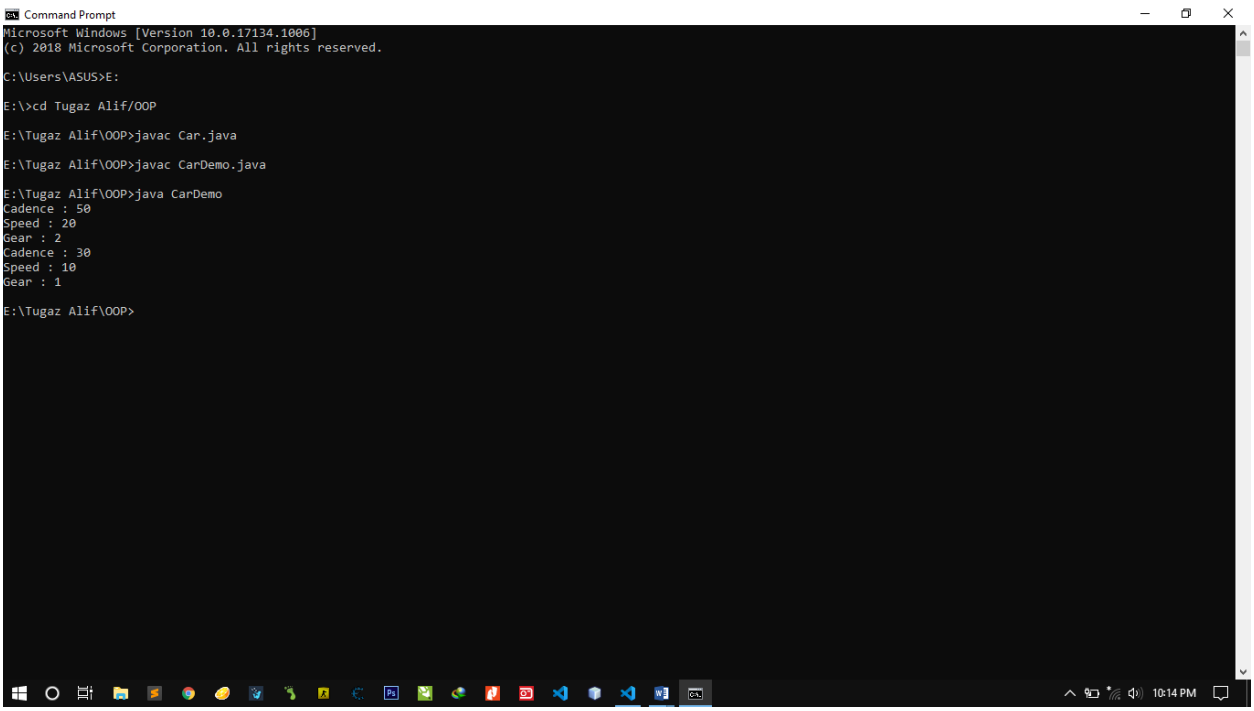
```
Command Prompt
Microsoft Windows [Version 10.0.17134.1006]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ASUS>E:

E:\>cd Tugaz Alif/OOP

E:\Tugaz Alif\OOP>javac Roti.java

E:\Tugaz Alif\OOP>javac RotiDemo.java

E:\Tugaz Alif\OOP>java RotiDemo

Warna Roti : Hijau
Rasa Roti : Pandan
Berat Roti : 30gr
Harga Roti : Rp 6000.0

Warna Roti : Merah
Rasa Roti : Stroberi
Berat Roti : 30gr
Harga Roti : Rp 7000.0

Warna Roti : Coklat
Rasa Roti : Coklat
Berat Roti : 30gr
Harga Roti : Rp 8000.0

E:\Tugaz Alif\OOP>

10:08 PM
```

3. Gambar class diagram dari class RotiDemo

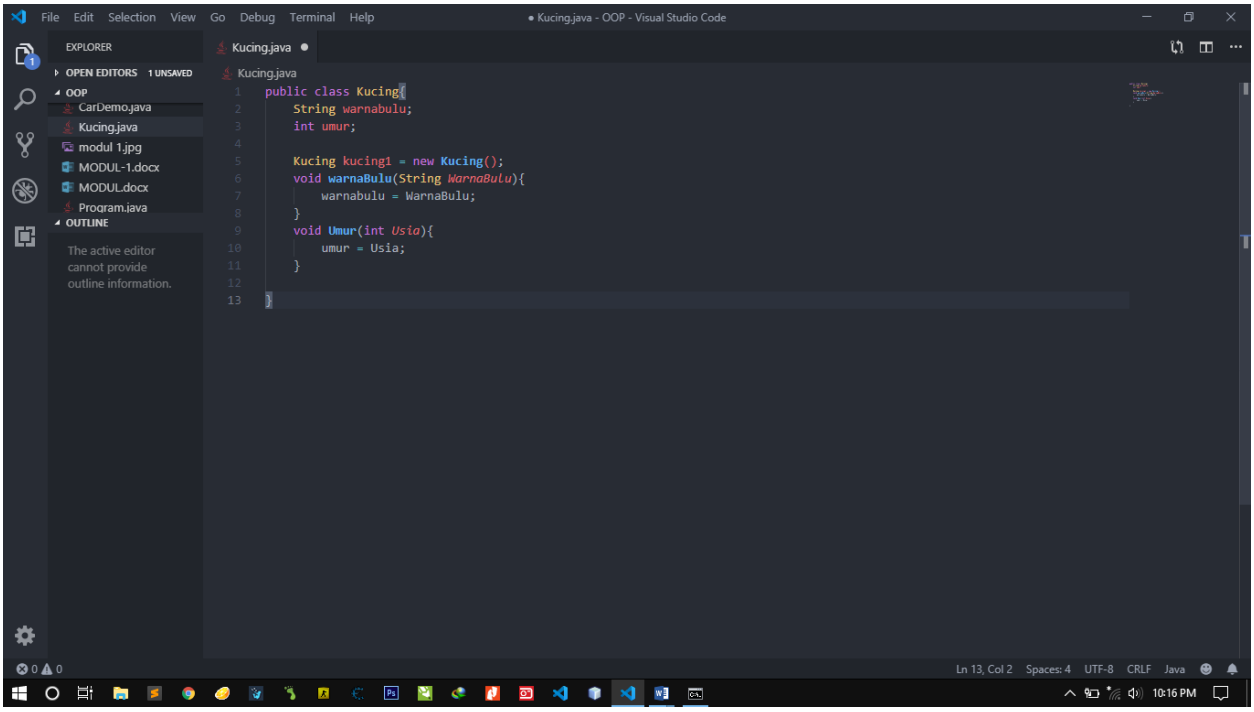
RotiDemo
#nama : String #rasa : String #berat : integer #harga : integer
#beriWarna() #beriRasa() #timbangBerat() #hargaJual()

4. Membuat satu class baru yang bisa digunakan sebagai template/blueprint dari class CarDemo, tidak memiliki fungsi main

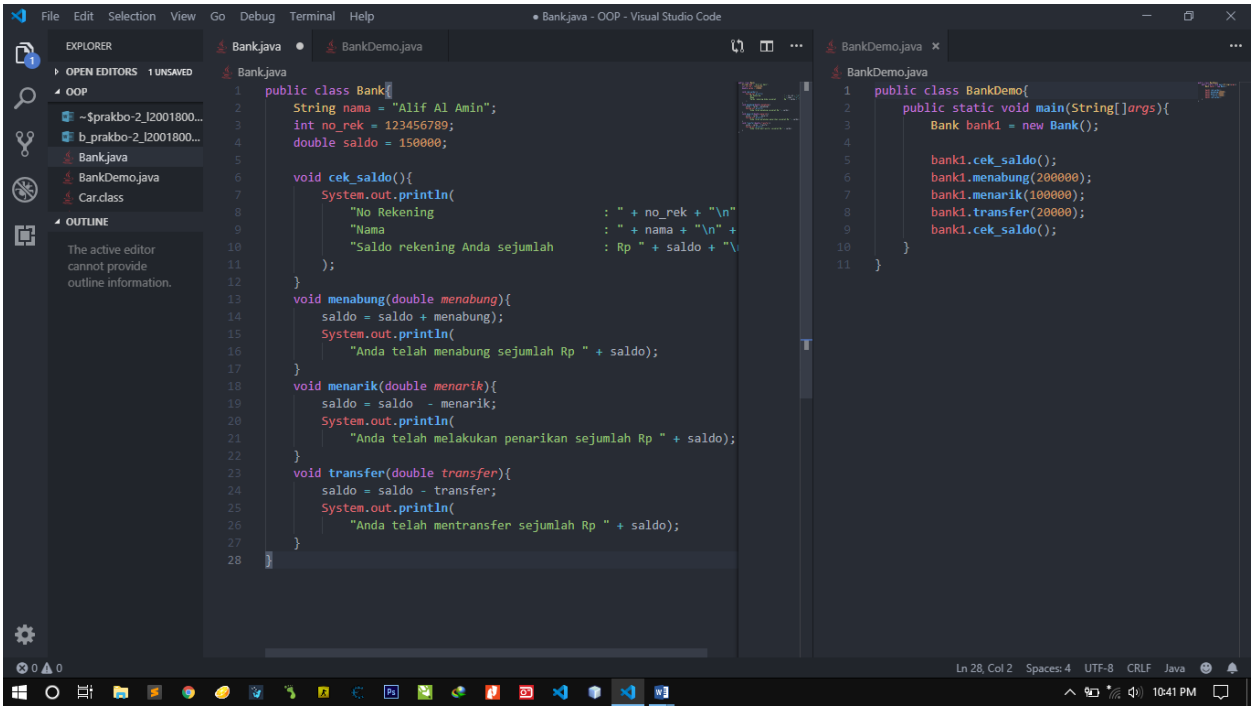


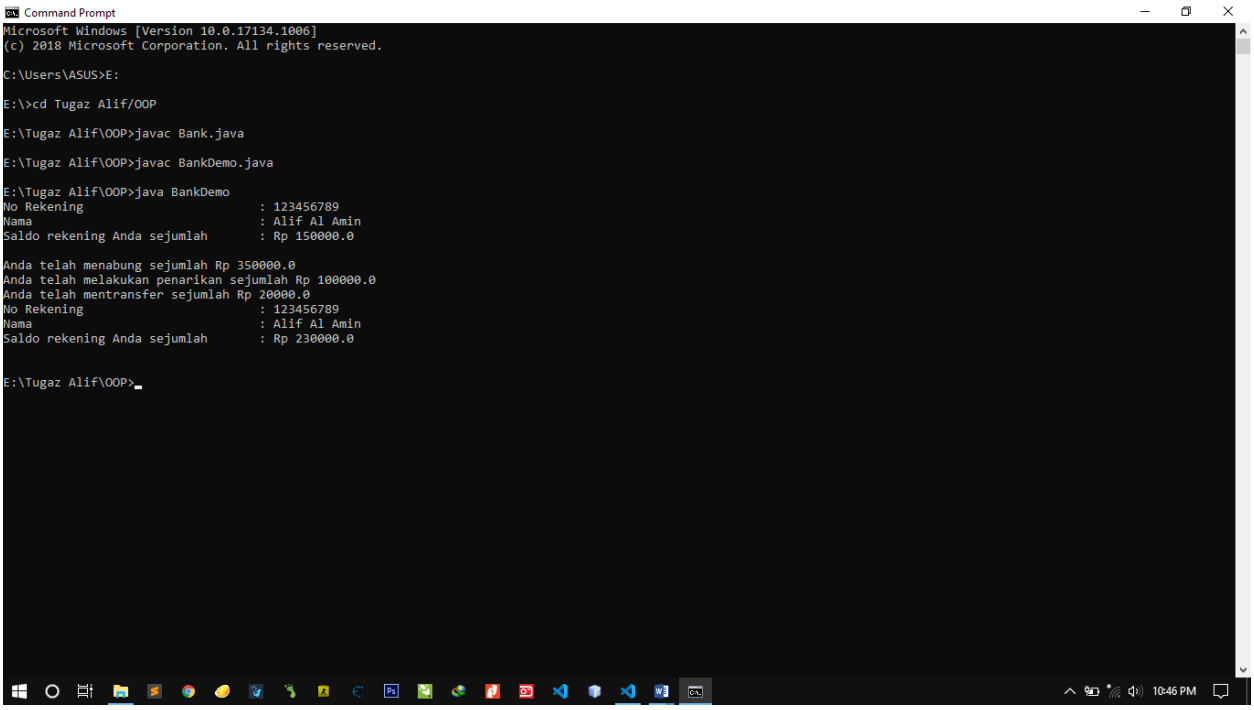


5. Membuat suatu class yang dapat merepresentasikan sifat-sifat dari object Kucing



6. Bank dan BankDemo





7. Daftar variable dan fungsi/method yang dimiliki oleh Class String

a. String dataString = “Data didalam String”

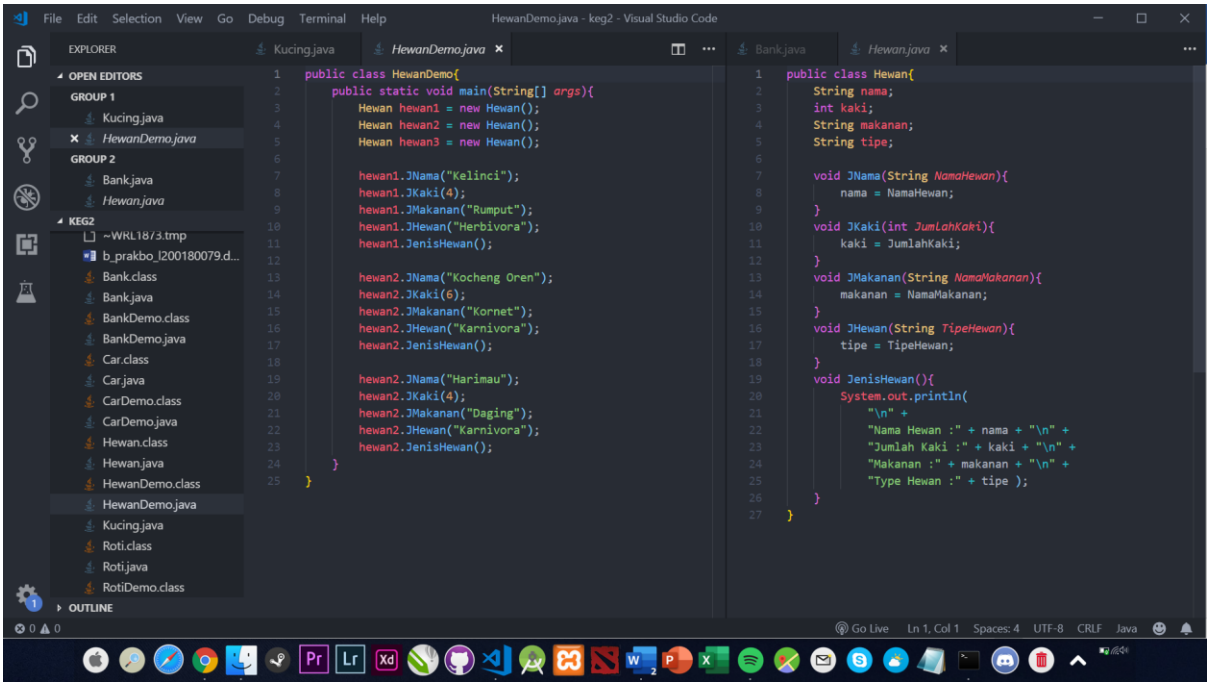
b. codePointAt(int) = mengembalikan code ASCII dari sebuah char yang di ambil dari String yang bersangkutan

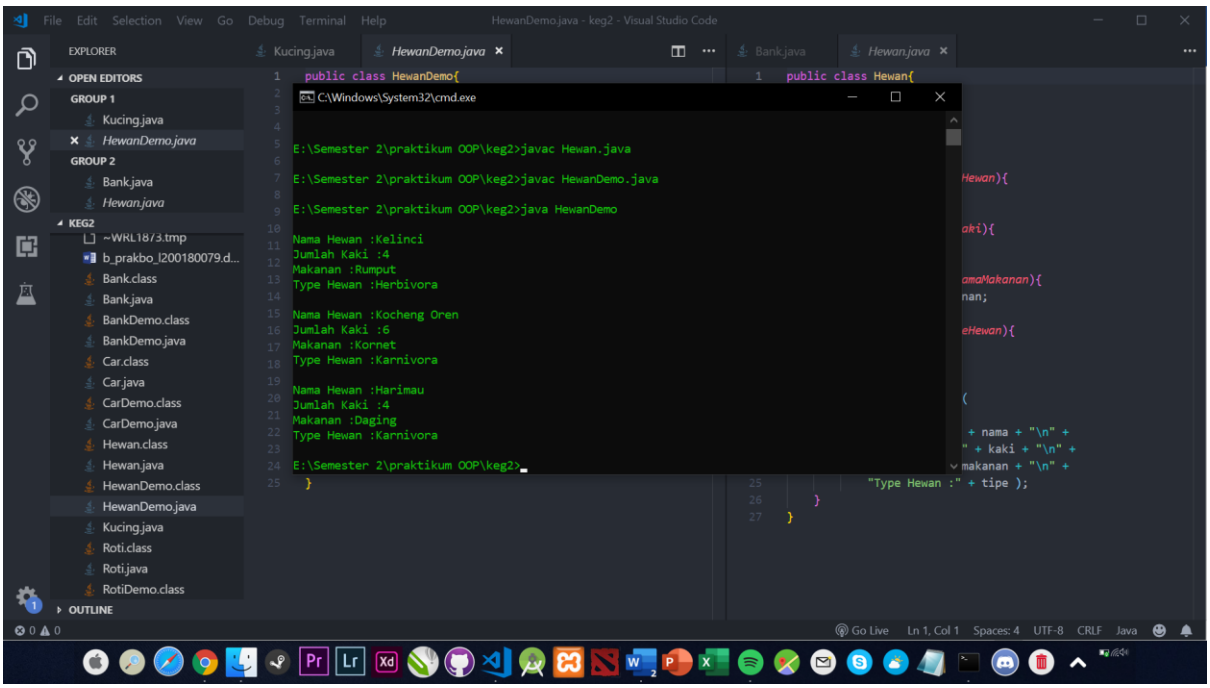
c. charAt(int) = mengembalikan Karakter yang ada di sebuah string bersangkutan sesuai dengan index

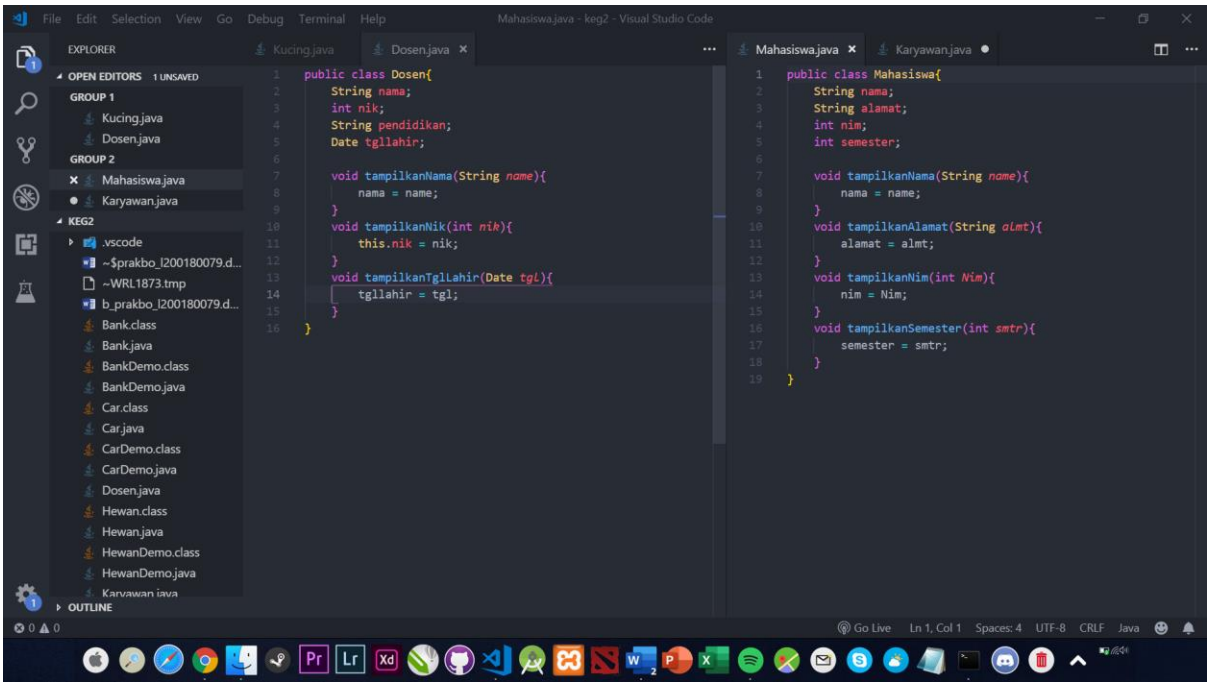
yang di masukkan.
d. codePointBefore(int) = mengembalikan code ASCII dari karakter yang di ambil dari sebuah String

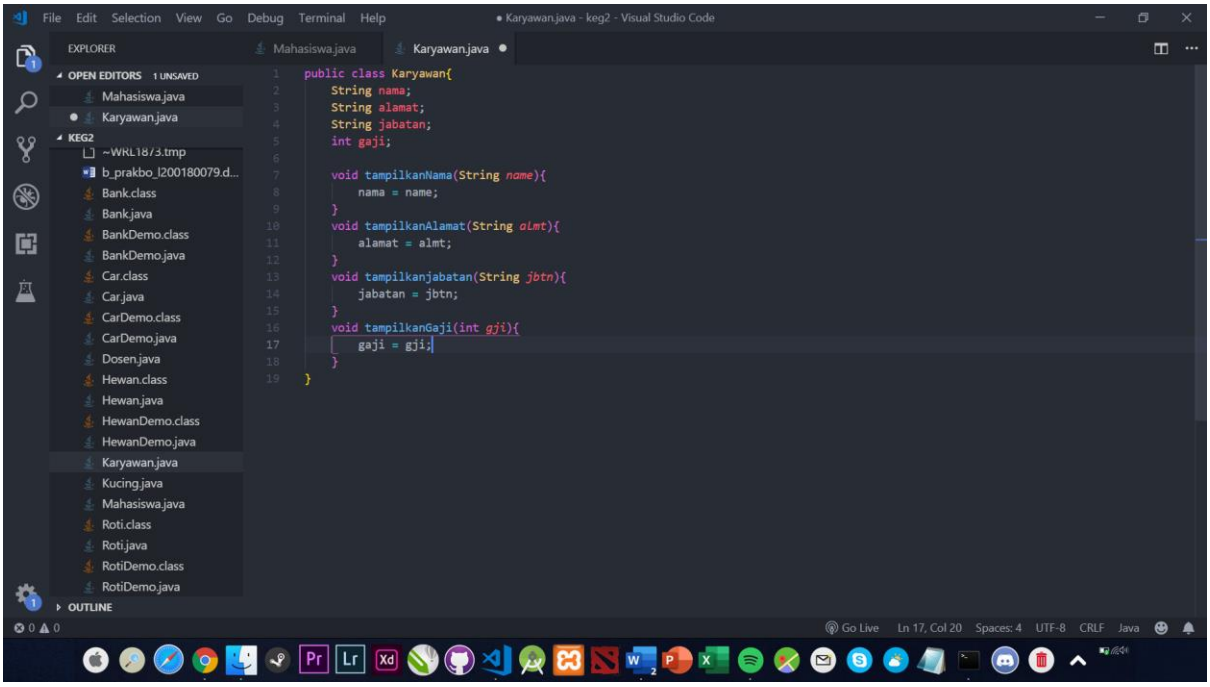
Tambahan

Pekerjaan Rumah






File Edit Selection View Go Debug Terminal Help
Mahasiswa.java - keg2 - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
GROUP 1
Kucing.java
Dosen.java
GROUP 2
Mahasiswa.java
Karyawan.java
KEG2
.vscode
~$prakbo_l200180079.d...
~WRL1873.tmp
b_prakbo_l200180079.d...
Bank.class
Bank.java
BankDemo.class
BankDemo.java
Car.class
Car.java
CarDemo.class
CarDemo.java
Dosen.java
Hewan.class
Hewan.java
HewanDemo.class
HewanDemo.java
Karyawan.java
OUTLINE
Kucing.java
Dosen.java
public class Dosen{
String nama;
int nik;
String pendidikan;
Date tgllahir;
void tampilkanNama(String name){
nama = name;
}
void tampilkanNik(int nik){
this.nik = nik;
}
void tampilkanTglLahir(Date tgl){
tgllahir = tgl;
}
}
Mahasiswa.java
Karyawan.java
public class Mahasiswa{
String nama;
String alamat;
int nim;
int semester;
void tampilkanNama(String name){
nama = name;
}
void tampilkanAlamat(String almt){
alamat = almt;
}
void tampilkanNim(int Nim){
nim = Nim;
}
void tampilkanSemester(int smtr){
semester = smtr;
}
}
0 0
Go Live
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
Java


File Edit Selection View Go Debug Terminal Help
• Karyawan.java - keg2 - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
Mahasiswa.java
Karyawan.java
KEG2
~WRL1873.tmp
b_prakbo_l200180079.d...
Bank.class
Bank.java
BankDemo.class
BankDemo.java
Car.class
Car.java
CarDemo.class
CarDemo.java
Dosen.java
Hewan.class
Hewan.java
HewanDemo.class
HewanDemo.java
Karyawan.java
Kucing.java
Mahasiswa.java
Roti.class
Roti.java
RotiDemo.class
RotiDemo.java
OUTLINE
Mahasiswa.java
Karyawan.java
public class Karyawan{
String nama;
String alamat;
String jabatan;
int gaji;
void tampilkanNama(String name){
nama = name;
}
void tampilkanAlamat(String almt){
alamat = almt;
}
void tampilkanjabatan(String jbtn){
jabatan = jbtn;
}
void tampilkanGaji(int gji){
gaji = gji;
}
}
0 0
Go Live
Ln 17, Col 20
Spaces: 4
UTF-8
CRLF
Java