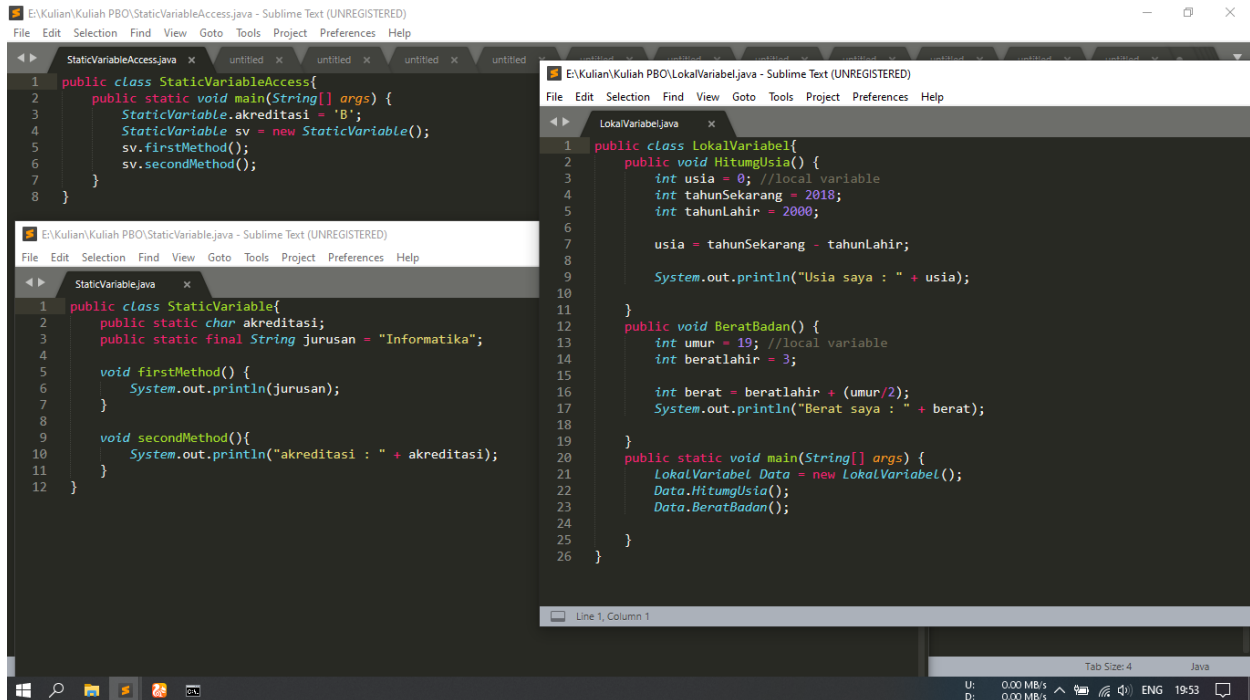


Nama : MuchFatan Rahmadan

NIM : L200180061

Latihan 1 & 2



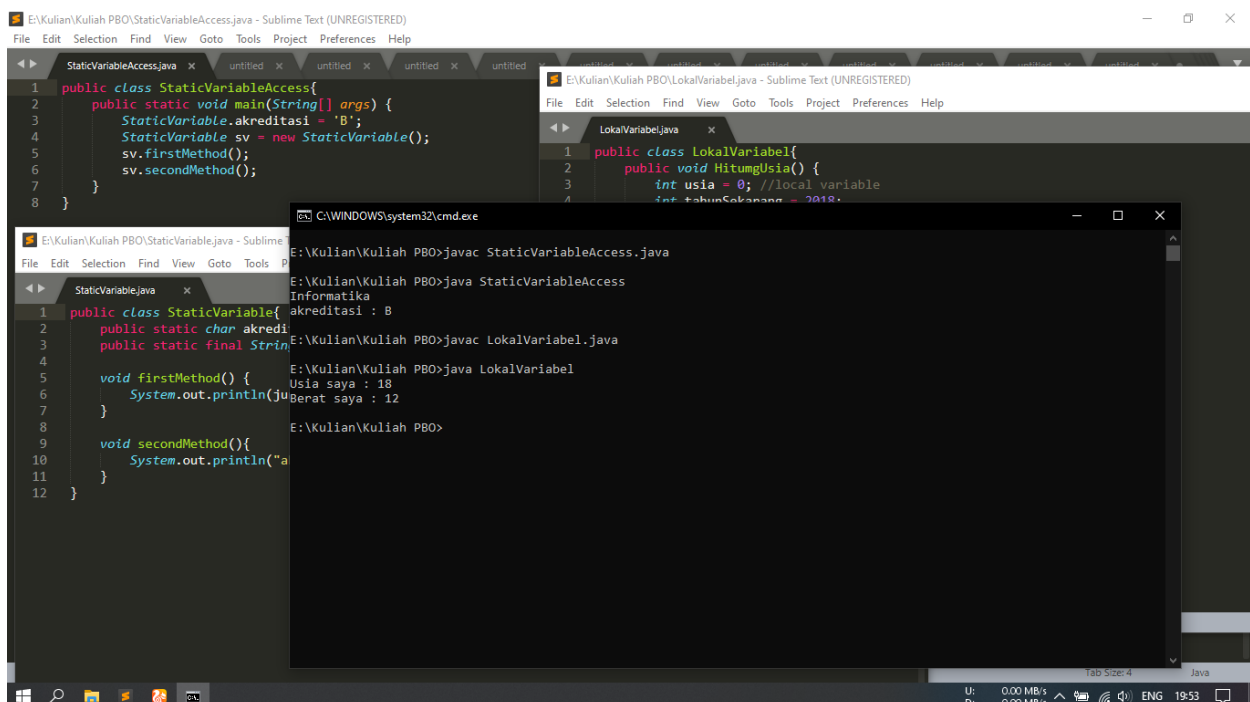
The screenshot shows two Sublime Text windows. The left window, titled 'StaticVariableAccess.java', contains the following code:

```
1 public class StaticVariableAccess{
2     public static void main(String[] args) {
3         StaticVariable.akreditasi = 'B';
4         StaticVariable sv = new StaticVariable();
5         sv.firstMethod();
6         sv.secondMethod();
7     }
8 }
```

The right window, titled 'LokalVariabel.java', contains the following code:

```
1 public class LokalVariabel{
2     public void HitungUsia() {
3         int usia = 0; //local variable
4         int tahunSekarang = 2018;
5         int tahunLahir = 2000;
6
7         usia = tahunSekarang - tahunLahir;
8         System.out.println("Usia saya : " + usia);
9     }
10
11     public void BeratBadan() {
12         int umur = 19; //local variable
13         int beratlahir = 3;
14
15         int berat = beratlahir + (umur/2);
16         System.out.println("Berat saya : " + berat);
17     }
18
19 }
20
21 public static void main(String[] args) {
22     LokalVariabel Data = new LokalVariabel();
23     Data.HitungUsia();
24     Data.BeratBadan();
25 }
26 }
```

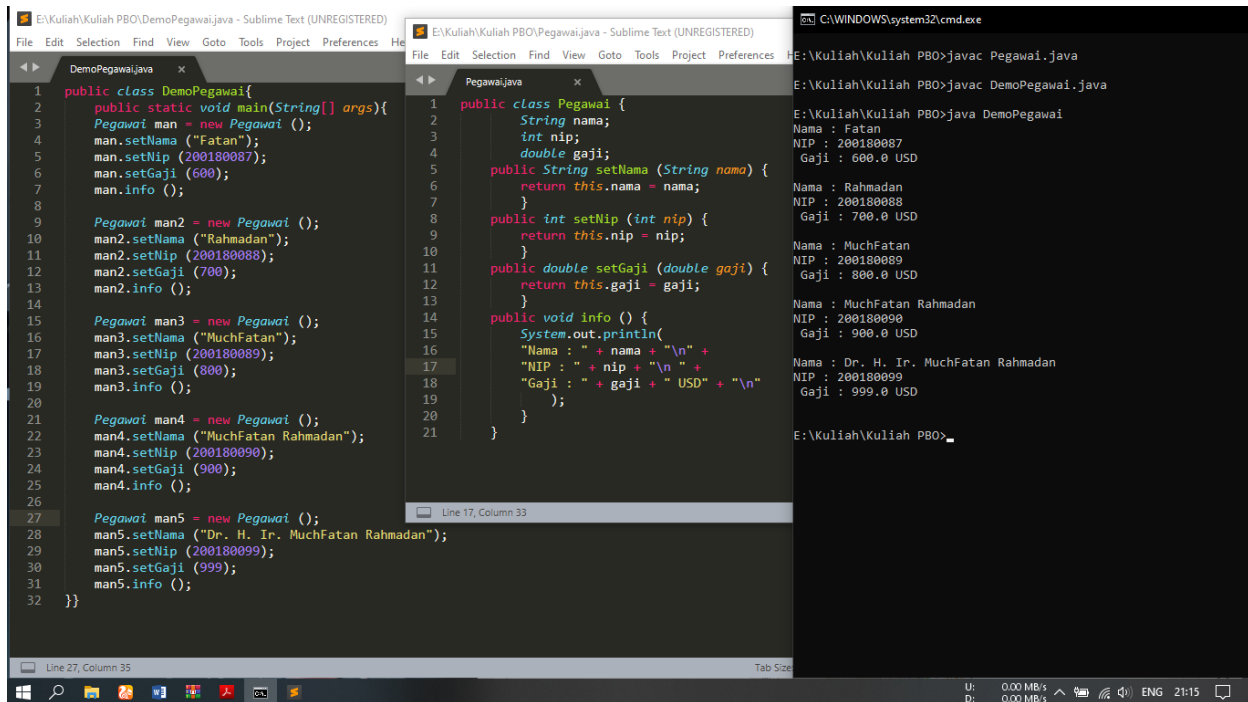
Hasil Latihan 1 & 2



The screenshot shows the same two Sublime Text windows as before, but with a third window, a command prompt, overlaid on top. The command prompt shows the execution of the Java programs:

```
E:\Kuliah\Kuliah PBO>javac StaticVariableAccess.java
E:\Kuliah\Kuliah PBO>java StaticVariableAccess
Informatika
akreditasi : B
E:\Kuliah\Kuliah PBO>javac LokalVariabel.java
E:\Kuliah\Kuliah PBO>java LokalVariabel
Usia saya : 18
Berat saya : 12
E:\Kuliah\Kuliah PBO>
```

Latihan 3



```
public class DemoPegawai{
    public static void main(String[] args){
        Pegawai man = new Pegawai ();
        man.setNama ("Fatan");
        man.setNip (200180087);
        man.setGaji (600);
        man.info ();

        Pegawai man2 = new Pegawai ();
        man2.setNama ("Rahmadan");
        man2.setNip (200180088);
        man2.setGaji (700);
        man2.info ();

        Pegawai man3 = new Pegawai ();
        man3.setNama ("MuchFatan");
        man3.setNip (200180089);
        man3.setGaji (800);
        man3.info ();

        Pegawai man4 = new Pegawai ();
        man4.setNama ("MuchFatan Rahmadan");
        man4.setNip (200180090);
        man4.setGaji (900);
        man4.info ();

        Pegawai man5 = new Pegawai ();
        man5.setNama ("Dr. H. Ir. MuchFatan Rahmadan");
        man5.setNip (200180099);
        man5.setGaji (999);
        man5.info ();
    }
}
```

```
public class Pegawai {
    String nama;
    int nip;
    double gaji;
    public String setNama (String nama) {
        return this.nama = nama;
    }
    public int setNip (int nip) {
        return this.nip = nip;
    }
    public double setGaji (double gaji) {
        return this.gaji = gaji;
    }
    public void info () {
        System.out.println(
            "Nama : " + nama + "\n" +
            "NIP : " + nip + "\n" +
            "Gaji : " + gaji + " USD" + "\n"
        );
    }
}
```

```
E:\Kuliah\Kuliah PBO>javac Pegawai.java
E:\Kuliah\Kuliah PBO>java DemoPegawai
Nama : Fatan
NIP : 200180087
Gaji : 600.0 USD

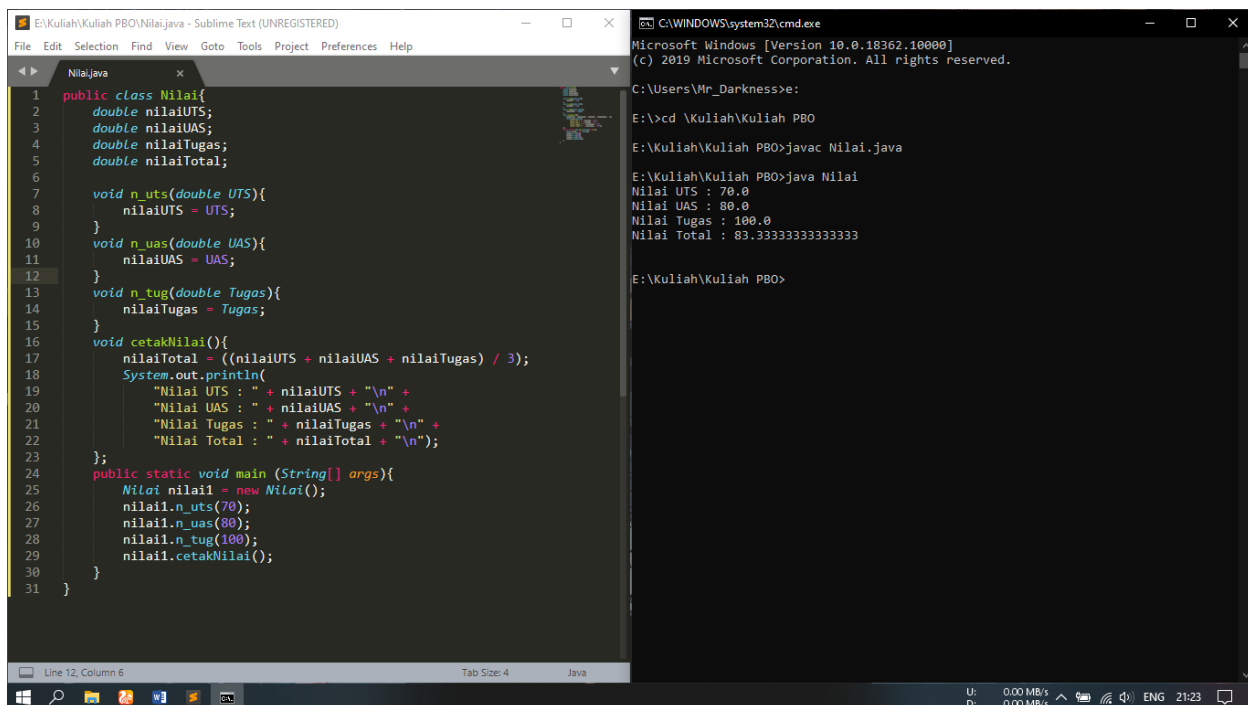
Nama : Rahmadan
NIP : 200180088
Gaji : 700.0 USD

Nama : MuchFatan
NIP : 200180089
Gaji : 800.0 USD

Nama : MuchFatan Rahmadan
NIP : 200180090
Gaji : 900.0 USD

Nama : Dr. H. Ir. MuchFatan Rahmadan
NIP : 200180099
Gaji : 999.0 USD
E:\Kuliah\Kuliah PBO>
```

Pekerjaan Rumah



```
public class Nilai{
    double nilaiUTS;
    double nilaiUAS;
    double nilaiTugas;
    double nilaiTotal;

    void n_uts(double UTS){
        nilaiUTS = UTS;
    }
    void n_uas(double UAS){
        nilaiUAS = UAS;
    }
    void n_tug(double Tugas){
        nilaiTugas = Tugas;
    }
    void cetakNilai(){
        nilaiTotal = ((nilaiUTS + nilaiUAS + nilaiTugas) / 3);
        System.out.println(
            "Nilai UTS : " + nilaiUTS + "\n" +
            "Nilai UAS : " + nilaiUAS + "\n" +
            "Nilai Tugas : " + nilaiTugas + "\n" +
            "Nilai Total : " + nilaiTotal + "\n");
    };
    public static void main (String[] args){
        Nilai nilai1 = new Nilai();
        nilai1.n_uts(70);
        nilai1.n_uas(80);
        nilai1.n_tug(100);
        nilai1.cetakNilai();
    }
}
```

```
Microsoft Windows [Version 10.0.18362.1000]
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C:\Users\Mr_Darkness>e:
E:\>cd \Kuliah\Kuliah PBO
E:\Kuliah\Kuliah PBO>javac Nilai.java
E:\Kuliah\Kuliah PBO>java Nilai
Nilai UTS : 70.0
Nilai UAS : 80.0
Nilai Tugas : 100.0
Nilai Total : 83.33333333333333
E:\Kuliah\Kuliah PBO>
```