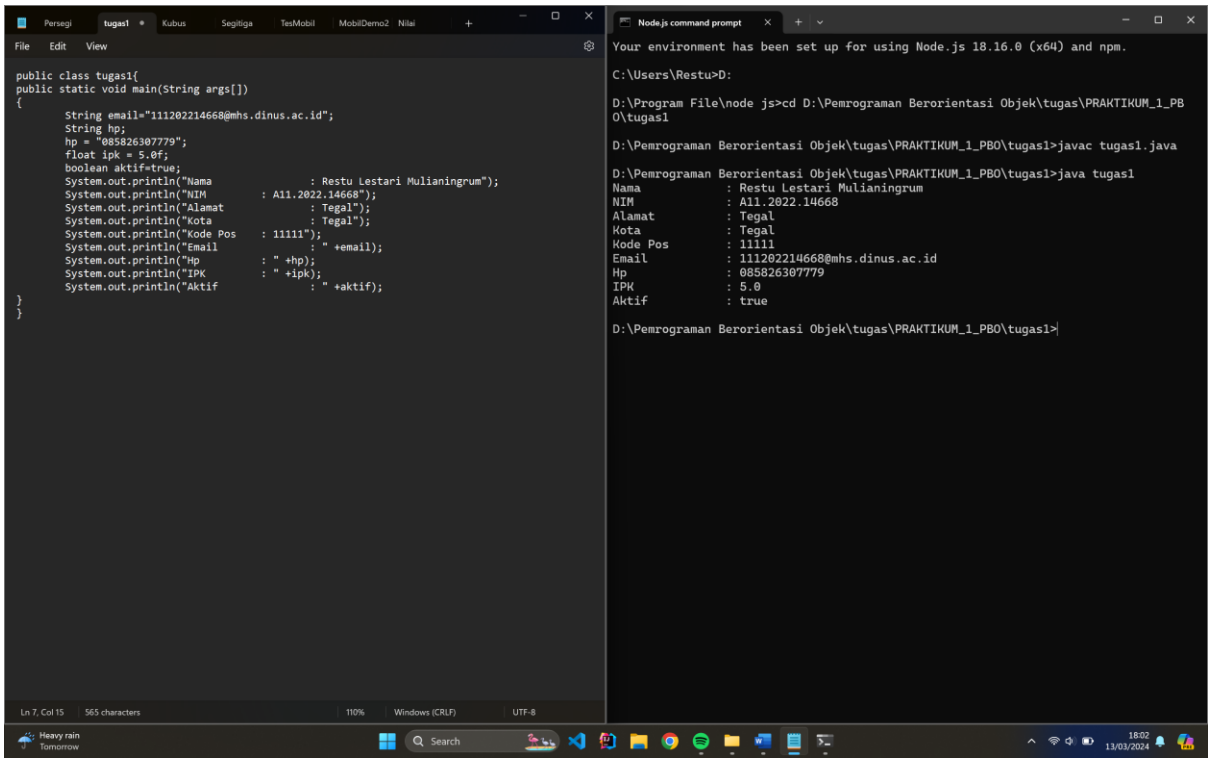
Nama : Restu Lestari Mulianingrum

NIM : A11.2022.14668

Kelompok : A11.4415

Tugas 1

Program sederhana untuk menampilkan data pribadi

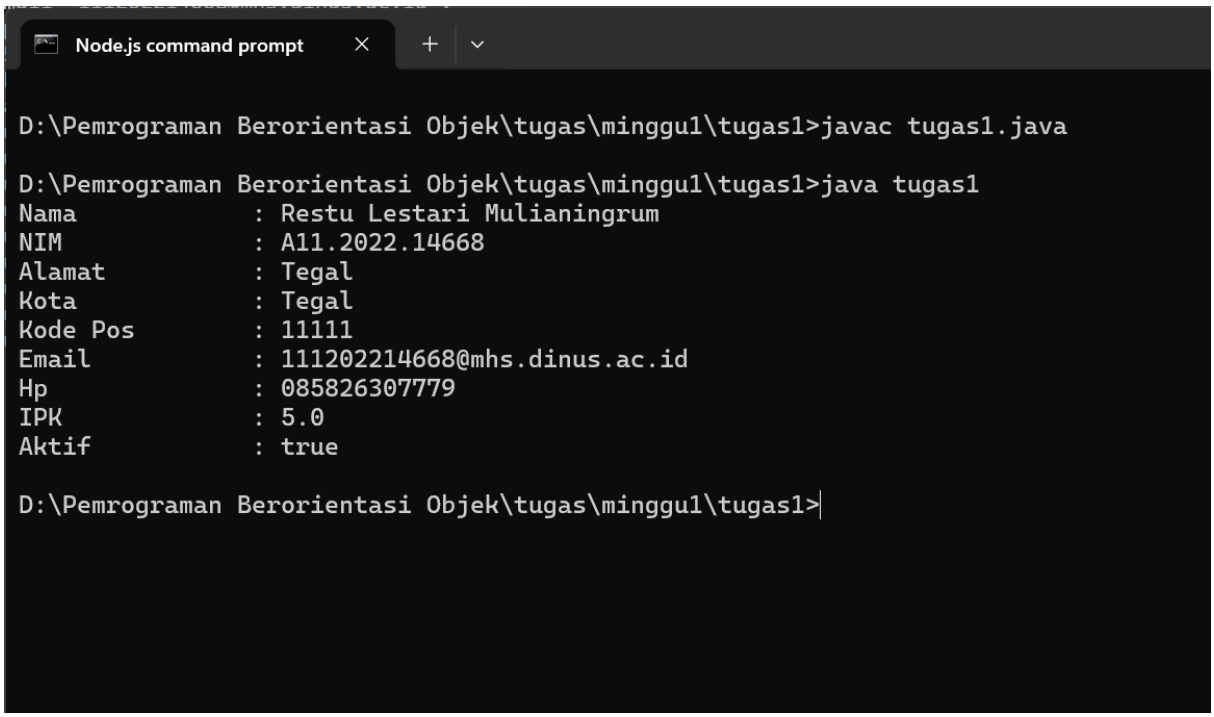


Code Program:

```
public class tugas1{
public static void main(String args[])
{
        String email="111202214668@mhs.dinus.ac.id";
        String hp;
        hp = "085826307779";
        float ipk = 5.0f;
```

```
        boolean aktif=true;
        System.out.println("Nama            : Restu Lestari Mulianingrum");
        System.out.println("NIM             : A11.2022.14668");
        System.out.println("Alamat          : Tegal");
        System.out.println("Kota            : Tegal");
        System.out.println("Kode Pos        : 11111");
        System.out.println("Email           : " +email);
        System.out.println("Hp              : " +hp);
        System.out.println("IPK             : " +ipk);
        System.out.println("Aktif           : " +aktif);
}
}
```

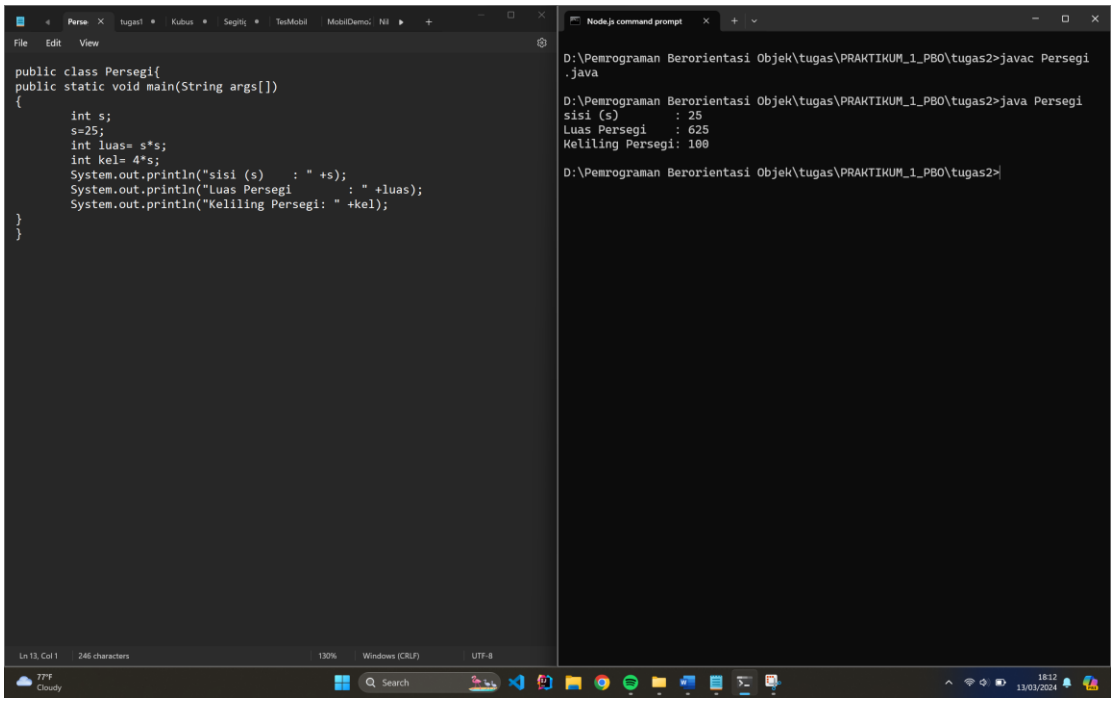
Output:



Tugas 2

Program menghitung luas dan keliling

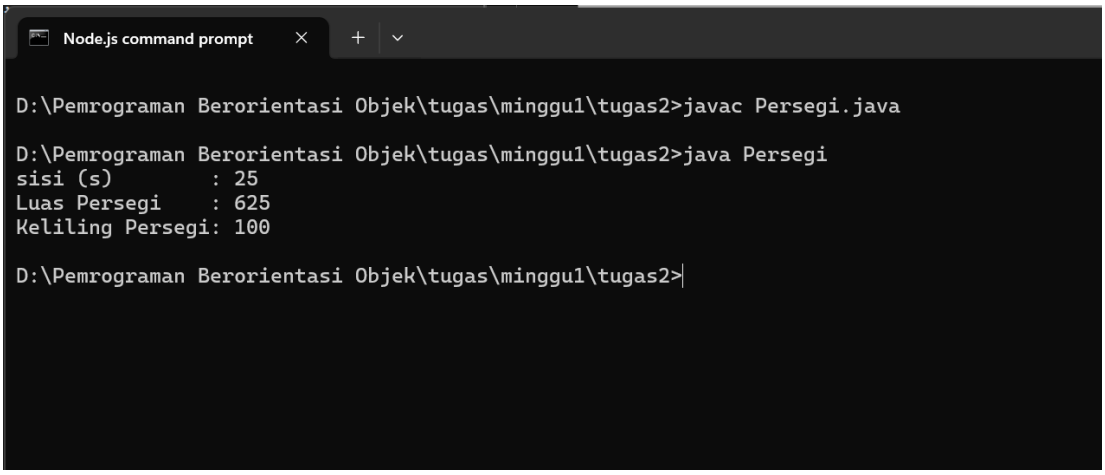
a. Persegi



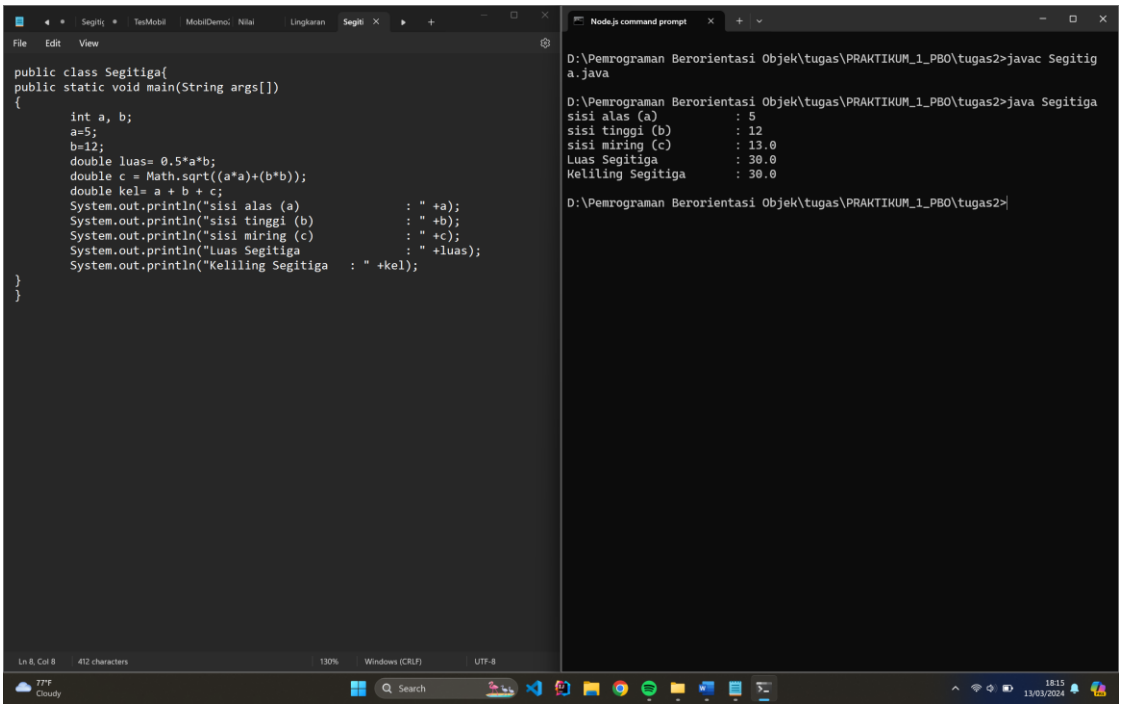
Code Program:

```
public class Persegi{
public static void main(String args[])
{
        int s;
        s = 25;
        int luas= s*s;
        int kel= 4*s;
        System.out.println("sisi (s)     : " +s);
        System.out.println("Luas Persegi       : " +luas);
        System.out.println("Keliling Persegi: " +kel);
}
}
```

Output:



b. Segitiga

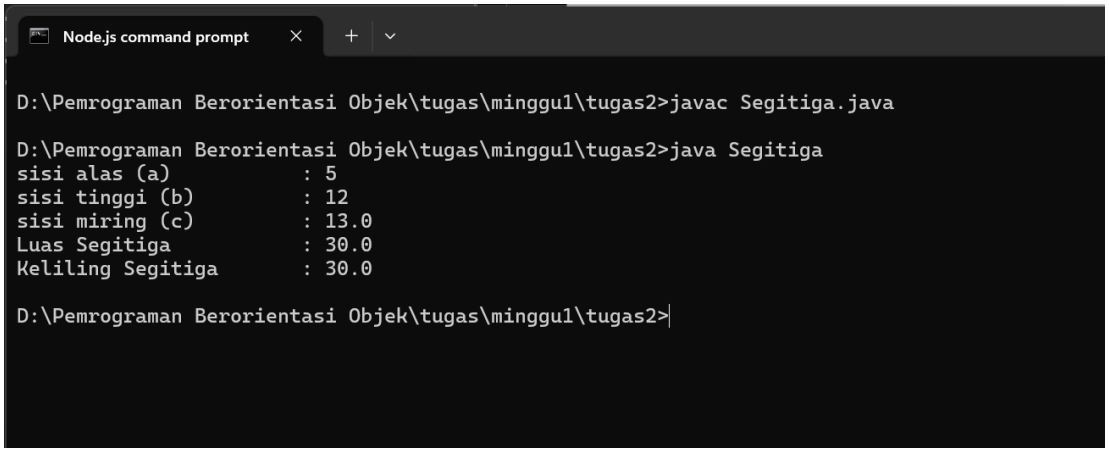


Code Program:

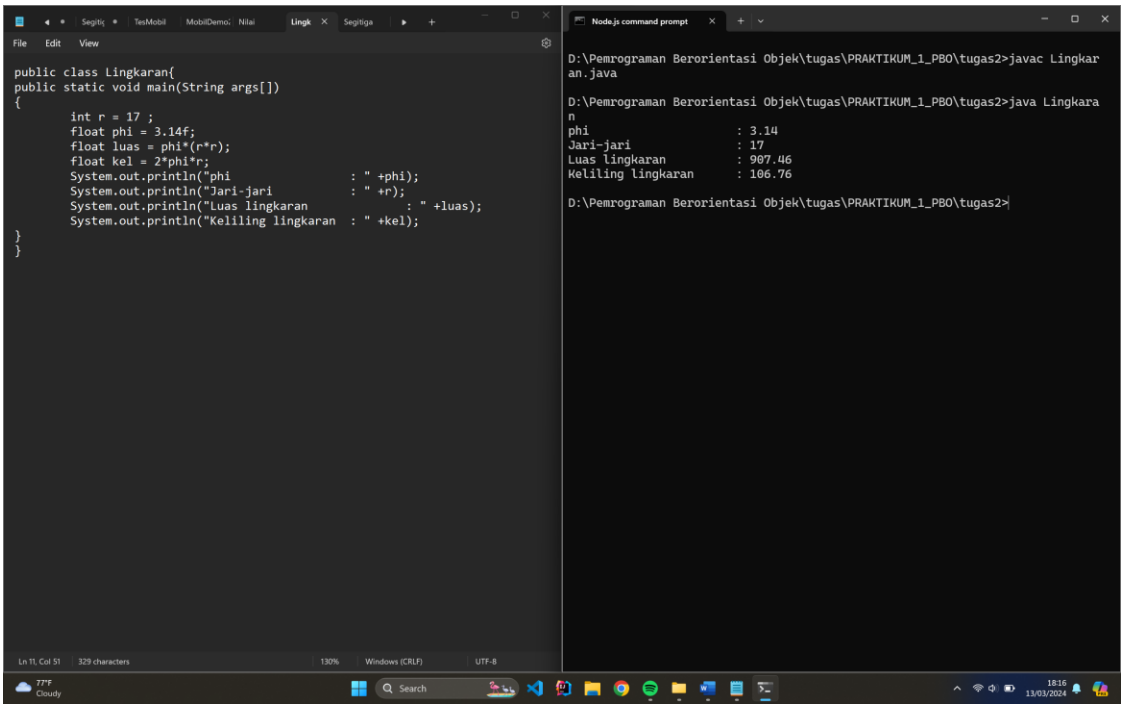
```
public class Segitiga{
public static void main(String args[])
{
        int a, b;
        a=5;
        b=12;
```

```
        double luas= 0.5*a*b;
        double c = Math.sqrt((a*a)+(b*b));
        double kel= a + b + c;
        System.out.println("sisi alas (a)                : " +a);
        System.out.println("sisi tinggi (b)              : " +b);
        System.out.println("sisi miring (c)              : " +c);
        System.out.println("Luas Segitiga                : " +luas);
        System.out.println("Keliling Segitiga: " +kel);
}
}
```

Output:



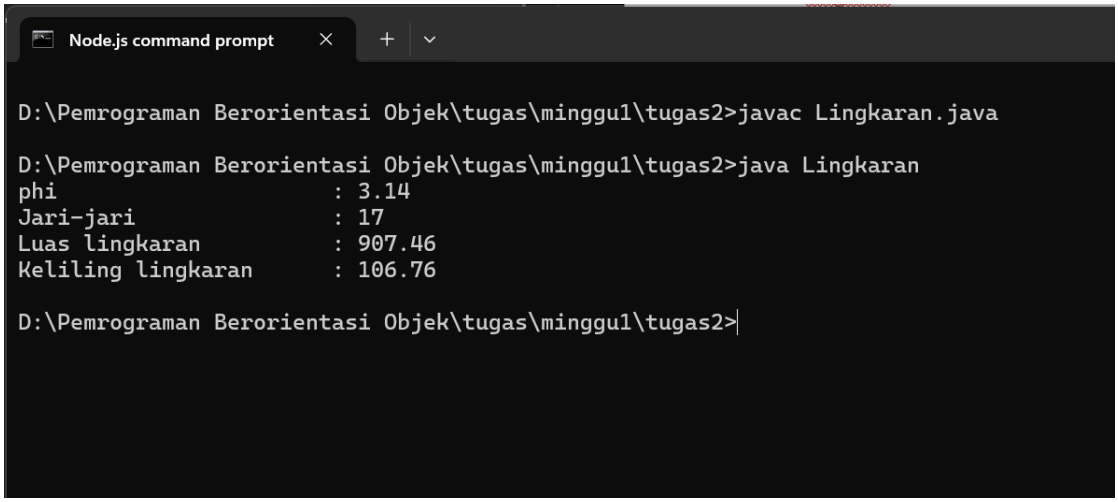
c. Lingkaran



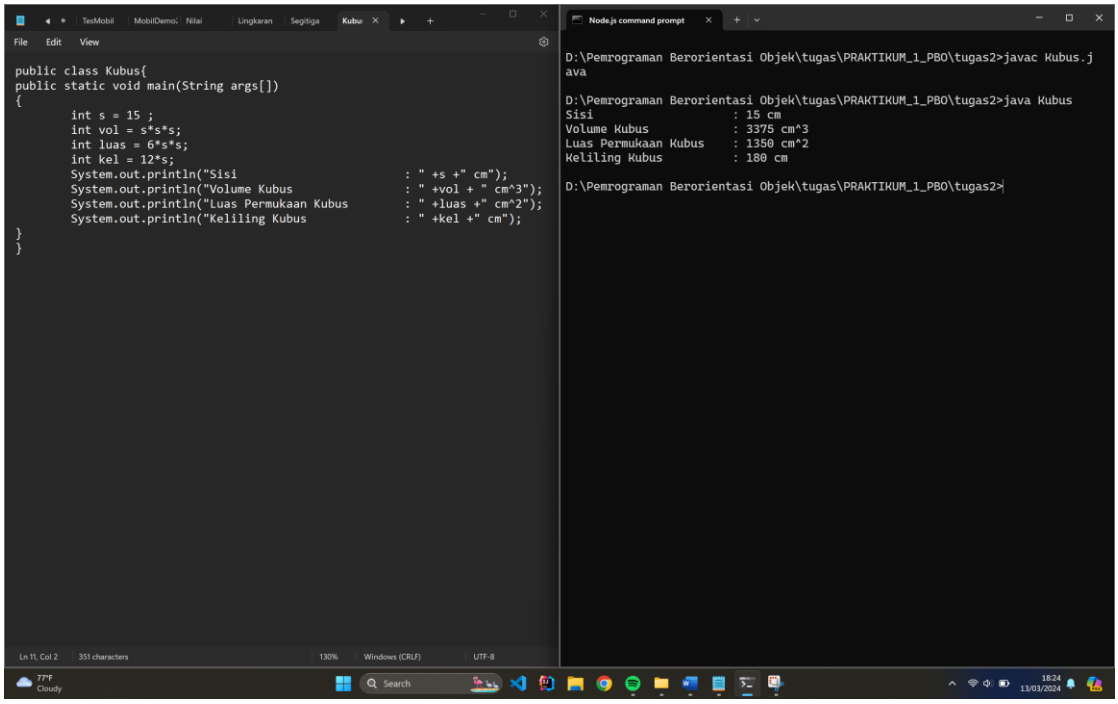
Code Program:

```
public class Lingkaran{
public static void main(String args[])
{
        int r = 17 ;
        float phi = 3.14f;
        float luas = phi*(r*r);
        float kel = 2*phi*r;
        System.out.println("phi                     : " +phi);
        System.out.println("Jari-jari          : " +r);
        System.out.println("Luas lingkaran          : " +luas);
        System.out.println("Keliling lingkaran      : " +kel);
}
}
```

Output:



d. Kubus



Code Program:

```
public class Kubus{
public static void main(String args[])
{
        int s = 15 ;
        int vol = s*s*s;
        int luas = 6*s*s;
```

```
        int kel = 12*s;
        System.out.println("Sisi                    : " +s +" cm");
        System.out.println("Volume Kubus            : " +vol + " cm^3");
        System.out.println("Luas Permukaan Kubus    : " +luas +" cm^2");
        System.out.println("Keliling Kubus          : " +kel +" cm");
}
}
```

Output: