

Praktikum 4 - PBO

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Screenshot

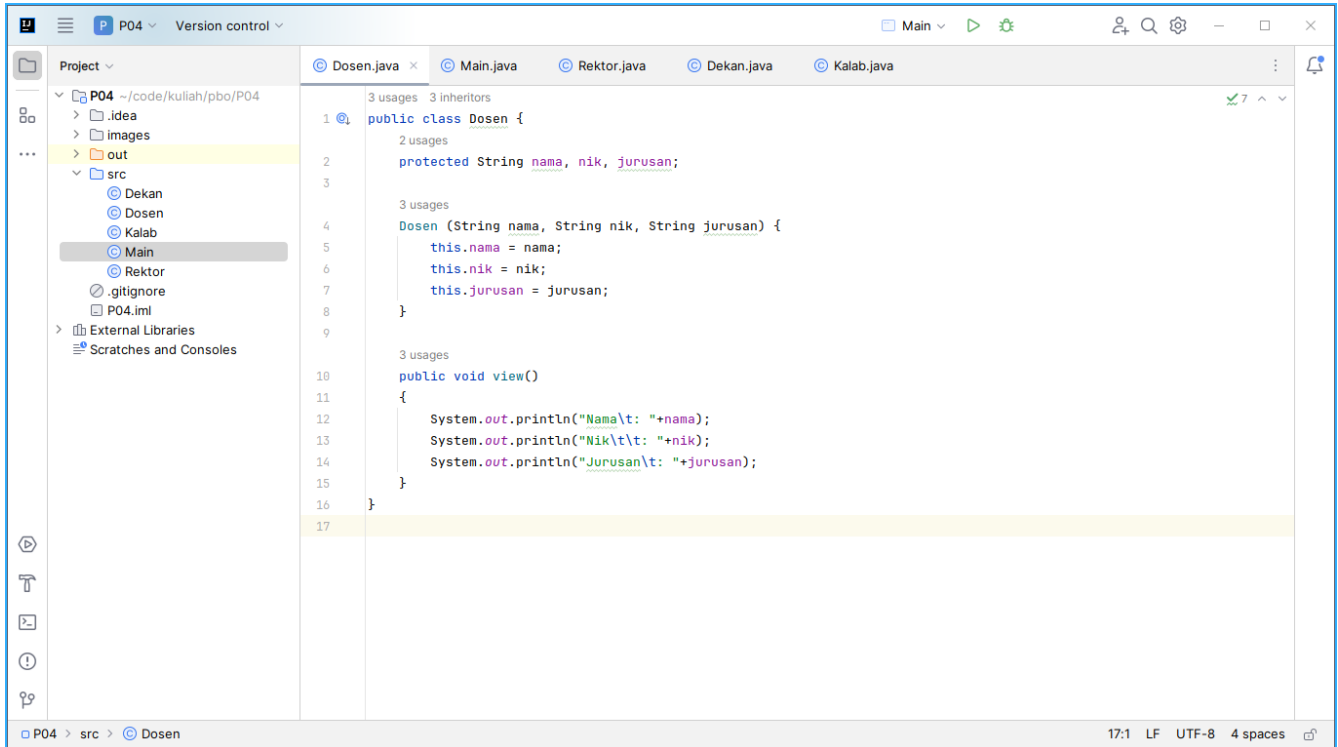


Figure 1. Dosen.java

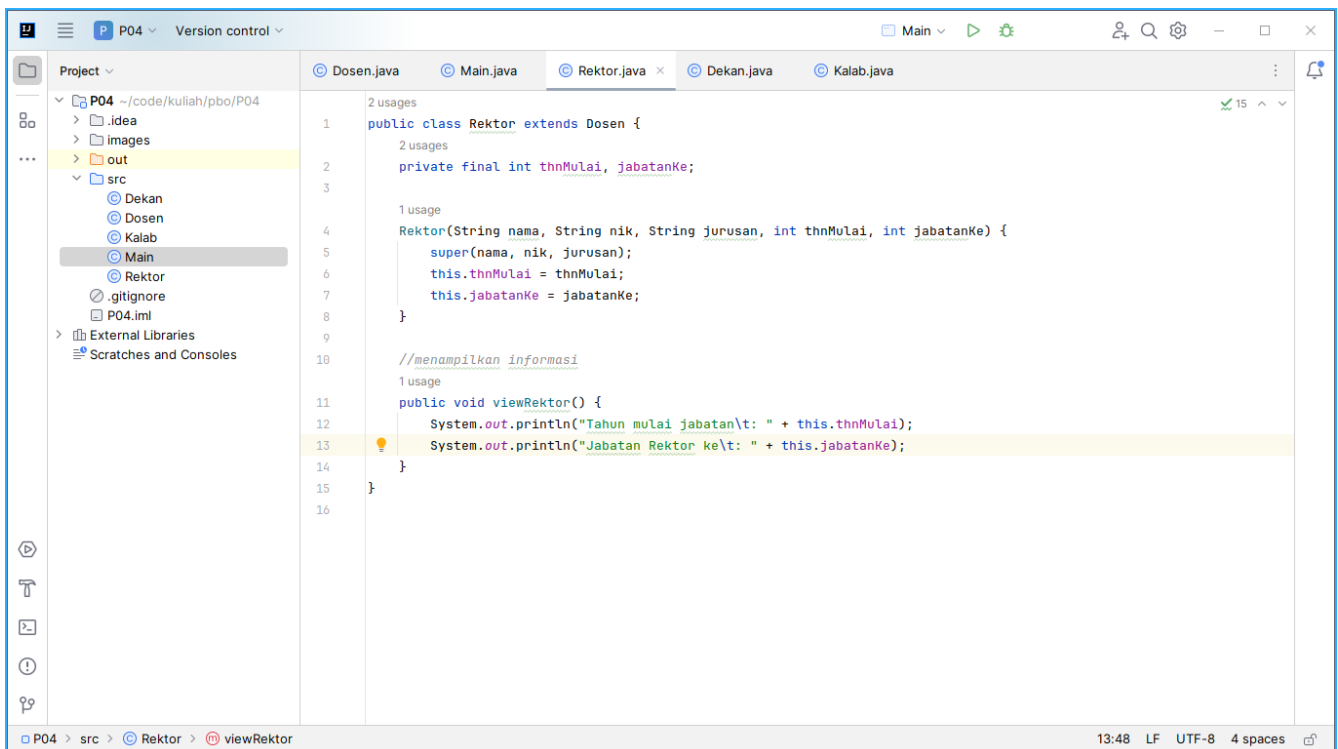


Figure 2. Rektor.java

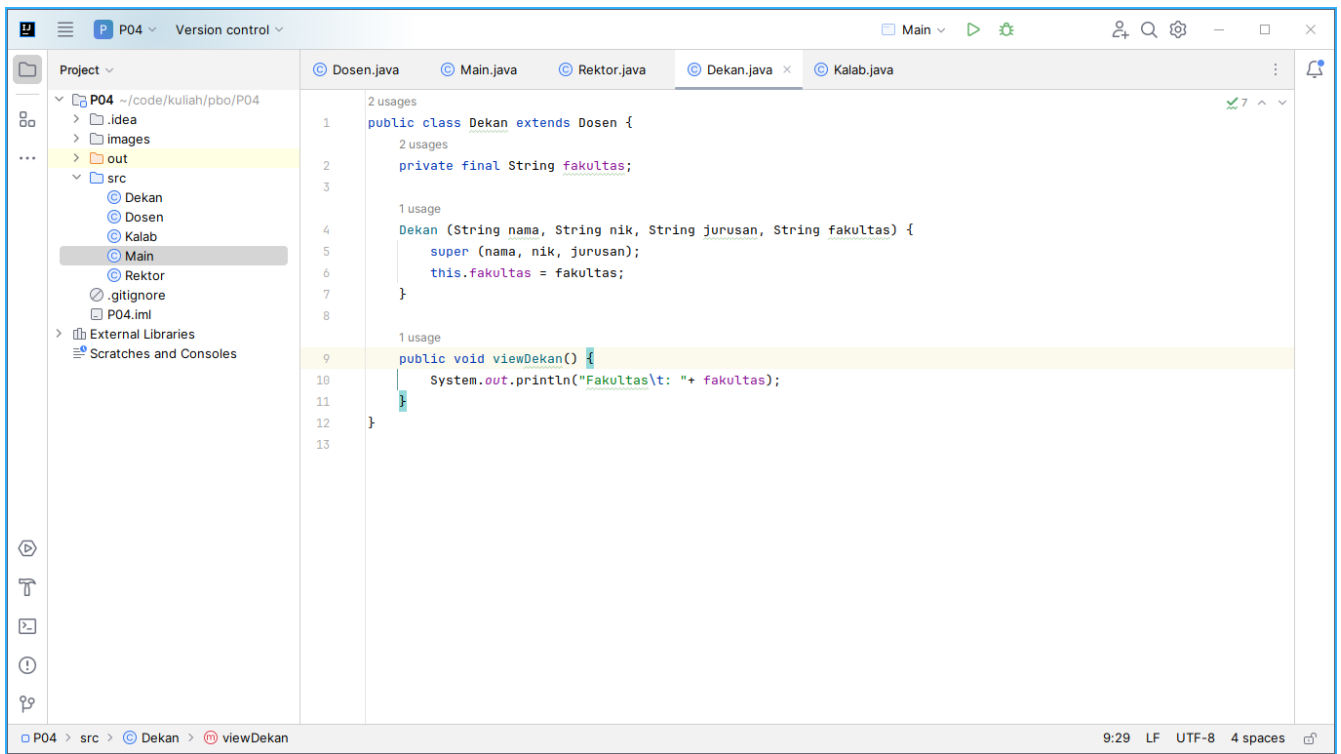


Figure 3. Dekan.java

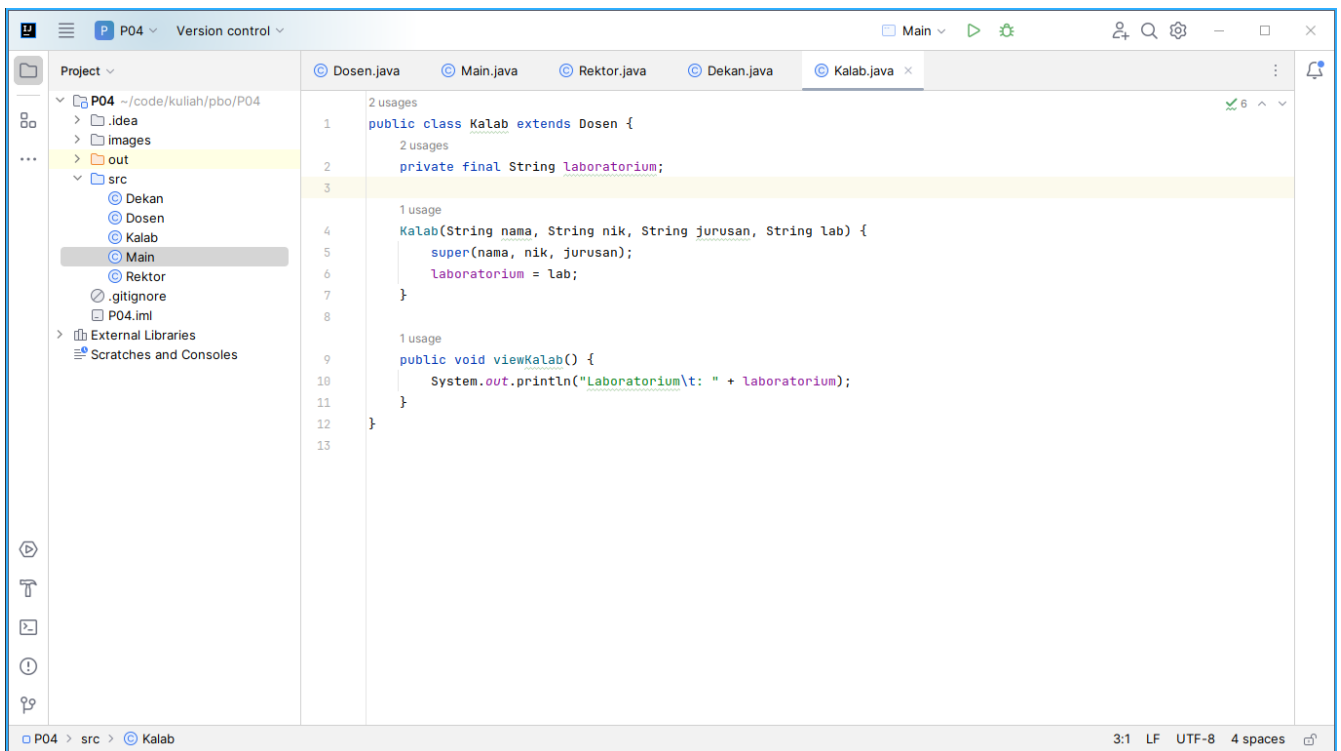


Figure 4. Kalab.java

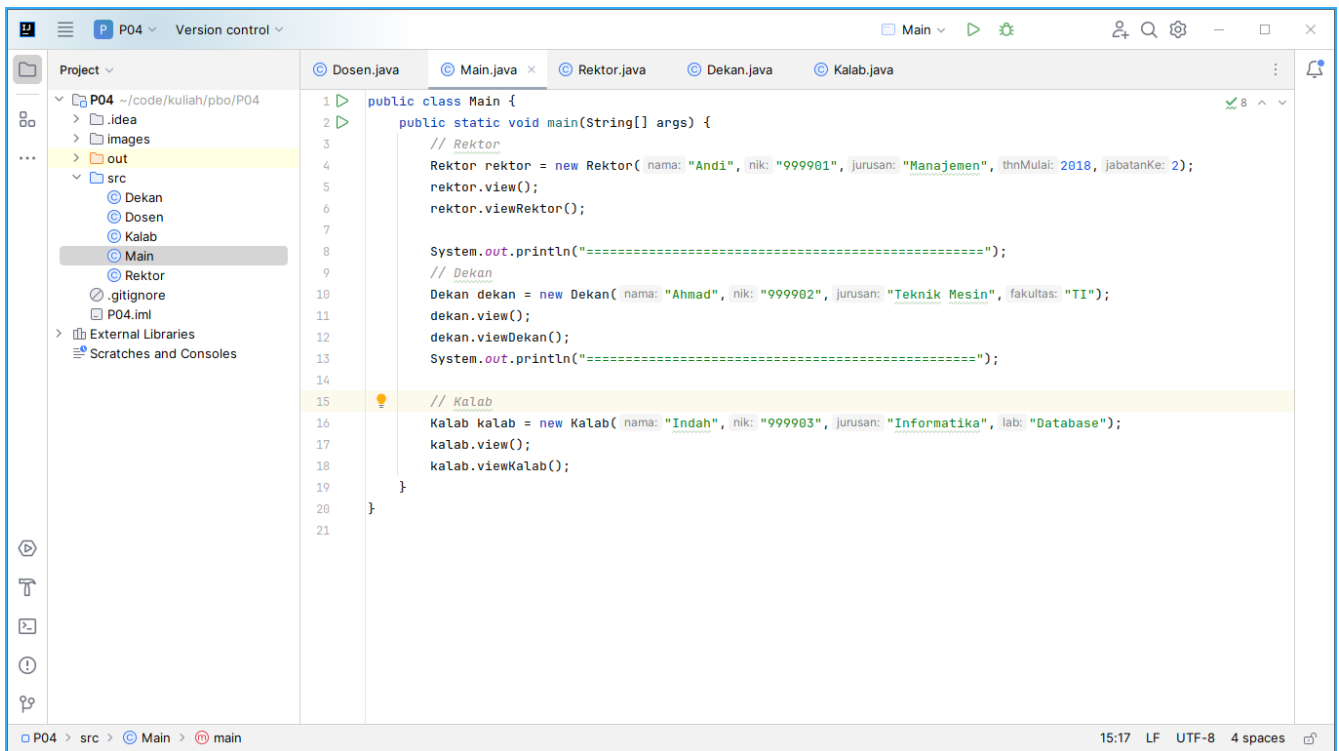


Figure 5. Main.java

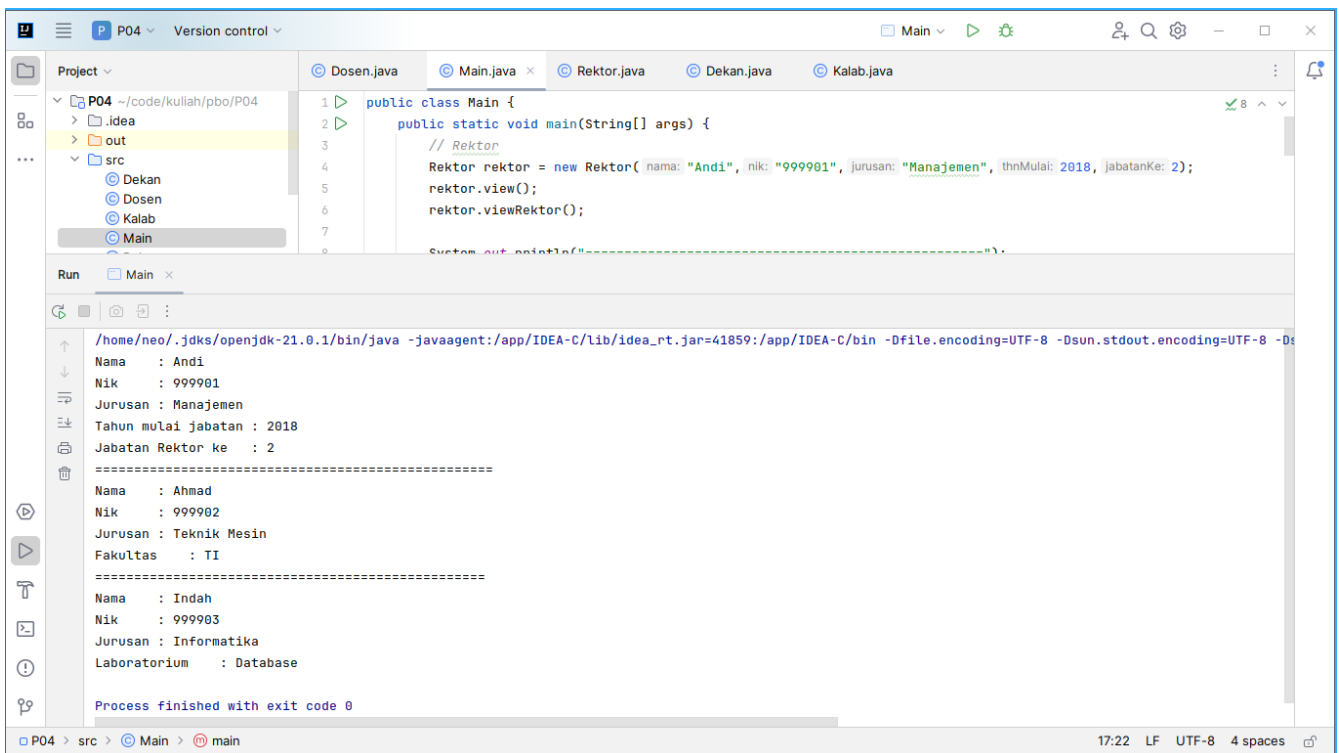


Figure 6. Main.java

Source Code

```
// Dosen.java

public class Dosen {
    protected String nama, nik, jurusan;

    Dosen (String nama, String nik, String jurusan) {
        this.nama = nama;
        this.nik = nik;
        this.jurusan = jurusan;
    }

    public void view()
    {
        System.out.println("Nama\t: "+nama);
        System.out.println("Nik\t\t: "+nik);
        System.out.println("Jurusan\t: "+jurusan);
    }
}
```

```
// Rektor.java

public class Rektor extends Dosen {
    private final int thnMulai, jabatanKe;

    Rektor(String nama, String nik, String jurusan, int thnMulai, int jabatanKe) {
        super(nama, nik, jurusan);
        this.thnMulai = thnMulai;
        this.jabatanKe = jabatanKe;
    }

    //menampilkan informasi
    public void viewRektor() {
        System.out.println("Tahun mulai jabatan\t: " + this.thnMulai);
        System.out.println("Jabatan Rektor ke\t: " + this.jabatanKe);
    }
}
```

```
// Dekan.java

public class Dekan extends Dosen {
    private final String fakultas;

    Dekan (String nama, String nik, String jurusan, String fakultas) {
        super (nama, nik, jurusan);
        this.fakultas = fakultas;
    }
}
```

```

    }

    public void viewDekan() {
        System.out.println("Fakultas\t: "+ fakultas);
    }
}

```

```

// Kalab.java

public class Kalab extends Dosen {
    private final String laboratorium;

    Kalab(String nama, String nik, String jurusan, String lab) {
        super(nama, nik, jurusan);
        laboratorium = lab;
    }

    public void viewKalab() {
        System.out.println("Laboratorium\t: " + laboratorium);
    }
}

```

```

// Main.java

public class Main {
    public static void main(String[] args) {
        // Rektor
        Rektor rektor = new Rektor("Andi", "999901", "Manajemen", 2018, 2);
        rektor.view();
        rektor.viewRektor();

        System.out.println("=====");
        // Dekan
        Dekan dekan = new Dekan("Ahmad", "999902", "Teknik Mesin", "TI");
        dekan.view();
        dekan.viewDekan();
        System.out.println("=====");

        // Kalab
        Kalab kalab = new Kalab("Indah", "999903", "Informatika", "Database");
        kalab.view();
        kalab.viewKalab();
    }
}

```