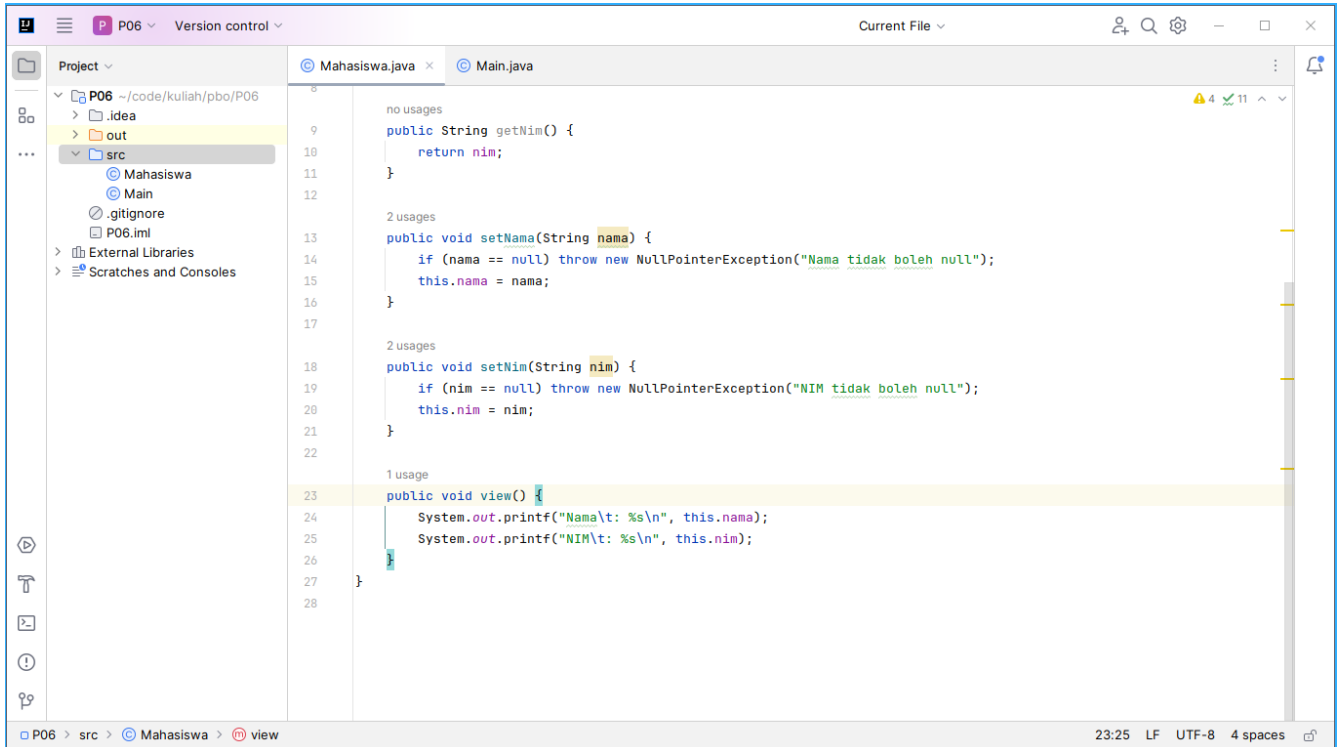


Praktikum 6 - PBO

Sri Aspari — G.131.20.0045

Screenshot



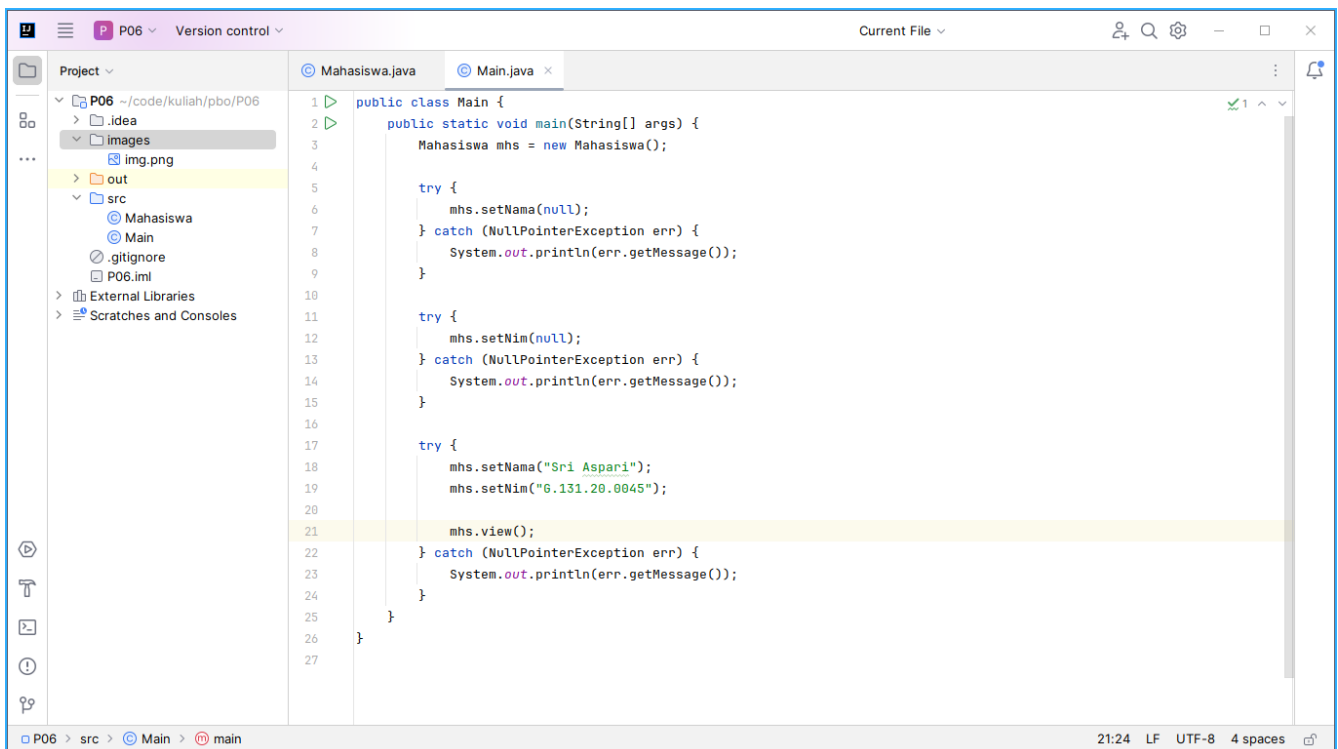
```
no usages
public String getNim() {
    return nim;
}

2 usages
public void setNama(String nama) {
    if (nama == null) throw new NullPointerException("Nama tidak boleh null");
    this.nama = nama;
}

2 usages
public void setNim(String nim) {
    if (nim == null) throw new NullPointerException("NIM tidak boleh null");
    this.nim = nim;
}

1 usage
public void view() {
    System.out.printf("Nama\t: %s\n", this.nama);
    System.out.printf("NIM\t: %s\n", this.nim);
}
```

Figure 1. Mahasiswa.java



```
public class Main {
    public static void main(String[] args) {
        Mahasiswa mhs = new Mahasiswa();

        try {
            mhs.setNama(null);
        } catch (NullPointerException err) {
            System.out.println(err.getMessage());
        }

        try {
            mhs.setNim(null);
        } catch (NullPointerException err) {
            System.out.println(err.getMessage());
        }

        try {
            mhs.setNama("Sri Aspari");
            mhs.setNim("6.131.20.0045");
        } catch (NullPointerException err) {
            System.out.println(err.getMessage());
        }

        mhs.view();
    }
}
```

Figure 2. Main.java



The screenshot shows the 'Run' console of an IDE. At the top, there's a tab labeled 'Main' with a close button. Below the tab bar is a toolbar with icons for running, debugging, and other actions. The main area of the console displays the following text:

```
/home/neo/.jdk/openjdk-21.0.1/bin/java -javaagent:/app/IDEA-C/lib/idea_rt.jar=40007:/app/IDEA-C/bin -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -D...
```

Below the command line, the program's output is shown:

```
Nama tidak boleh null  
NIM tidak boleh null  
Nama      : Sri Aspari  
NIM       : 6.131.20.0045
```

At the bottom of the console, a status message indicates: 'Process finished with exit code 0'.

Figure 3. Result

Source Code

```
// Kendaraan.java

public class Mahasiswa {
    private String nama;
    private String nim;

    public String getNama() {
        return nama;
    }

    public String getNim() {
        return nim;
    }

    public void setNama(String nama) {
        if (nama == null) throw new NullPointerException("Nama tidak boleh null");
        this.nama = nama;
    }

    public void setNim(String nim) {
        if (nim == null) throw new NullPointerException("NIM tidak boleh null");
        this.nim = nim;
    }

    public void view() {
        System.out.printf("Nama\t: %s\n", this.nama);
        System.out.printf("NIM\t: %s\n", this.nim);
    }
}
```

```
// Main.java

public class Main {
    public static void main(String[] args) {
        Mahasiswa mhs = new Mahasiswa();

        try {
            mhs.setNama(null);
        } catch (NullPointerException err) {
            System.out.println(err.getMessage());
        }

        try {
            mhs.setNim(null);
        } catch (NullPointerException err) {
            System.out.println(err.getMessage());
        }
    }
}
```

```
}  
  
try {  
    mhs.setNama("Sri Aspari");  
    mhs.setNim("G.131.20.0045");  
  
    mhs.view();  
} catch (NullPointerException err) {  
    System.out.println(err.getMessage());  
}  
}  
}
```