

TUGAS

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NIM : L200180077

KELAS : B

Default konstruktor dan Parameter konstruktor

The screenshot shows the IntelliJ IDEA interface with a Java file named `Konstruktor.java` open. The code defines a package `com.tutorial`, a class `Konstruktor`, and a default constructor `public Konstruktor() { System.out.println("default konstruktor"); }`. A `main` method is also present, which creates an instance of `Konstruktor` and prints "default konstruktor". The Run configuration is set to `Main2`. The Run output shows the message "default konstruktor" and "Process finished with exit code 0".

```
1 package com.tutorial;
2
3 public class Konstruktor {
4     public Konstruktor(){
5         System.out.println("default konstruktor");
6     }
7     public static void main(String[] args){
8         Konstruktor tes = new Konstruktor();
9     }
10 }
11
```

Run: Main2 ×
"C:\Program Files\Java\jdk-13\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.2.2\lib\idea_rt.jar=50054:C:\Program Files\JetBrains\In
default konstruktor
Process finished with exit code 0

The screenshot shows the IntelliJ IDEA interface with the same `Konstruktor.java` file. The code now includes a parameterized constructor `public Konstruktor(String nama, String nim, int tahun) { this.nama = nama; this.nim = nim; this.tahun = tahun; }` and an `info` method `void info() { System.out.println("nama = " + nama + "\nnim = " + nim + "\ntahun = " + tahun); }`. The `main` method creates an instance of `Konstruktor` with parameters `"hasan"`, `"L200180077"`, and `2018`, and then calls `tes.info()`. The Run configuration is set to `Konstruktor`. The Run output shows the formatted output: `nama = hasan`, `nim: L200180077`, and `tahun: 2018`.

```
3 public class Konstruktor {
4     String nama;
5     String nim;
6     int tahun;
7
8     public Konstruktor(String nama, String nim, int tahun) {
9         this.nama = nama;
10        this.nim = nim;
11        this.tahun = tahun;
12    }
13
14    void info(){
15        System.out.println("nama = " + nama + "\nnim = " + nim + "\ntahun = " + tahun);
16    }
17
18    public static void main(String[] args){
19        Konstruktor tes = new Konstruktor( nama: "hasan", nim: "L200180077", tahun: 2018);
20        tes.info();
21    }
22 }
23
```

Run: Konstruktor ×
"C:\Program Files\Java\jdk-13\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.2.2\lib\idea_rt.jar=50107:C:\Program Files\JetBrains\In
nama = hasan
nim: L200180077
tahun: 2018