

## Laporan Praktikum I Dasar Pemrograman



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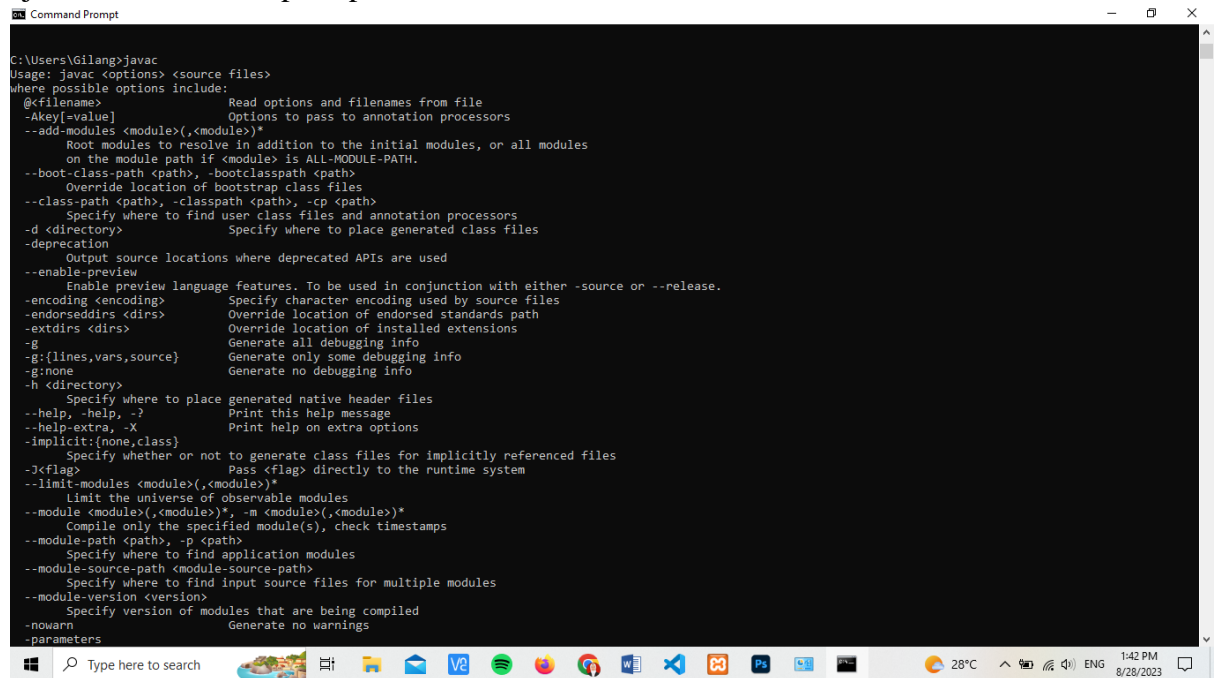
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## 1. Percobaan 1

Setelah melakukan instalasi jdk versi 20, berikut adalah output ketika mengetikkan “javac” di command prompt :



```
C:\Users\Gilang>javac
Usage: javac <options> <source files>
where possible options include:
  @<filename>           Read options and filenames from file
  -Akey[=value]         Options to pass to annotation processors
  --add-modules <module>(<module>)*
                        Root modules to resolve in addition to the initial modules, or all modules
                        on the module path if <module> is ALL-MODULE-PATH.
  --boot-class-path <path>, -bootclasspath <path>
                        Override location of bootstrap class files
  --class-path <path>, -classpath <path>, -cp <path>
                        Specify where to find user class files and annotation processors
  -d <directory>        Specify where to place generated class files
  -deprecation           Output source locations where deprecated APIs are used
  --enable-preview       Enable preview language features. To be used in conjunction with either -source or --release.
  -encoding <encoding>  Specify character encoding used by source files
  -endorseddirs <dirs>  Override location of endorsed standards path
  -extdirs <dirs>       Override location of installed extensions
  -g                    Generate all debugging info
  -g:{lines,vars,source} Generate only some debugging info
  -g:none               Generate no debugging info
  -h <directory>        Specify where to place generated native header files
  --help, -help, -?     Print this help message
  --help-extra, -X      Print help on extra options
  -implicit:{none,class}
                        Specify whether or not to generate class files for implicitly referenced files
  -J<flag>              Pass <flag> directly to the runtime system
  --limit-modules <module>(<module>)*
                        Limit the universe of observable modules
  --module <module>(<module>)*, -m <module>(<module>)*
                        Compile only the specified module(s), check timestamps
  --module-path <path>[, -p <path>]
                        Specify where to find application modules
  --module-source-path <module-source-path>
                        Specify where to find input source files for multiple modules
  --module-version <version>
                        Specify version of modules that are being compiled
  -nowarn               Generate no warnings
  -parameters           Parameters
```

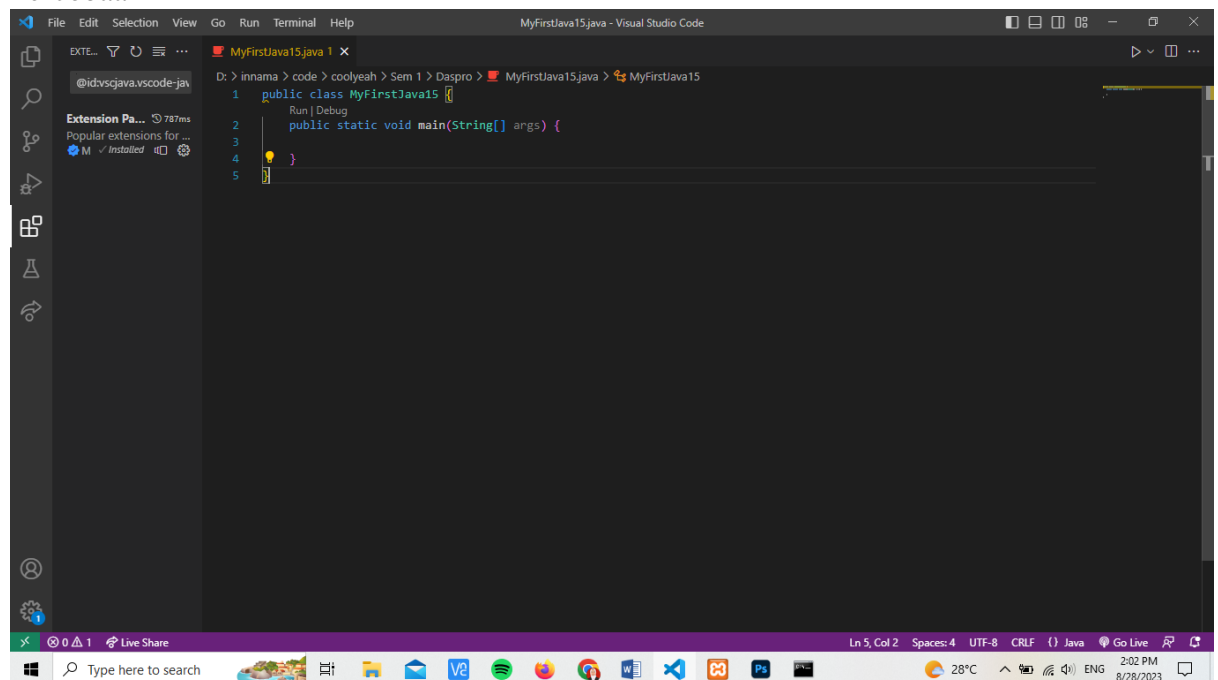
1. Jelaskan apa kegunaan memasukkan lokasi folder bin dari Java ke dalam variabel PATH!

**Jawab :** Agar perintah java yang diketikkan programmer dapat dikenali oleh computer

2. Jelaskan Kegunaan perintah javac ketika masuk di command prompt!

**Jawab :** Untuk mengecek apakah sistem operasi pada komputer telah mengenali program java ataupun belum

## 2. Percobaan 2



```
MyFirstJava15.java - Visual Studio Code
D:\> innama > code > coolyeah > Sem 1 > Daspro > MyFirstJava15.java > MyFirstJava15
1 public class MyFirstJava15 {
2     public static void main(String[] args) {
3     }
4 }
5 }
```

File	Modified	Type	Size
MyFirstJava15.class	8/28/2023 2:07 PM	CLASS File	1 KB
MyFirstJava15.java	8/28/2023 2:05 PM	Java Source File	1 KB

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows the project structure with files like ~\$bsheet1\_innam..., Jobsheet1\_innam..., MyFirstJava15.class, and MyFirstJava15.java. The main editor displays the content of MyFirstJava15.java, which contains a public class MyFirstJava15 with a main method that prints "Nama Saya Innama". The terminal window at the bottom shows the following commands and output:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro> javac MyFirstJava15.java
PS D:\innama\code\coolyeah\Sem 1\Daspro> java MyFirstJava15
Nama Saya Innama
PS D:\innama\code\coolyeah\Sem 1\Daspro>
```

1. Jelaskan fungsi perintah javac MyFirstJava00.java pada percobaan diatas!

**Jawab :** Untuk mengcompile code java yang telah dibuat

2. Jelaskan fungsi perintah java MyFirstJava00 pada percobaan diatas!

**Jawab :** Untuk menjalankan file .class yang telah di compile