

## Compiling and running your first java program via command-line interface

To be able to compile your program, make sure you have the necessary JDK installed. For example, you can check the existence of such folder: `"C:\Program Files\Java\jdk1.8.0_211\bin"`.

Step 1: Use a text editor (e.g. Notepad) to write your java program, and save it, e.g. `Welcome.java`

Step 2: run the cmd command and change directory to where you have saved your source file.

Step 3: type the following command:

```
"C:\Program Files\Java\jdk1.8.0_211\bin" \javac Welcome.java
```

what we are doing here is to use the `javac` command located at `"C:\Program Files\Java\jdk1.8.0_211\bin"` to compile our `Welcome.java` to `Welcome.class`

Step 4: If your program compiles with no errors, `Welcome.class` will be created in the same folder as your source file.

Step5: To let other people run your java program, you don't have to give them your source file. You simply pass them the `Welcome.class` file and they can run it with the command: `java Welcome`