

Module 1 A

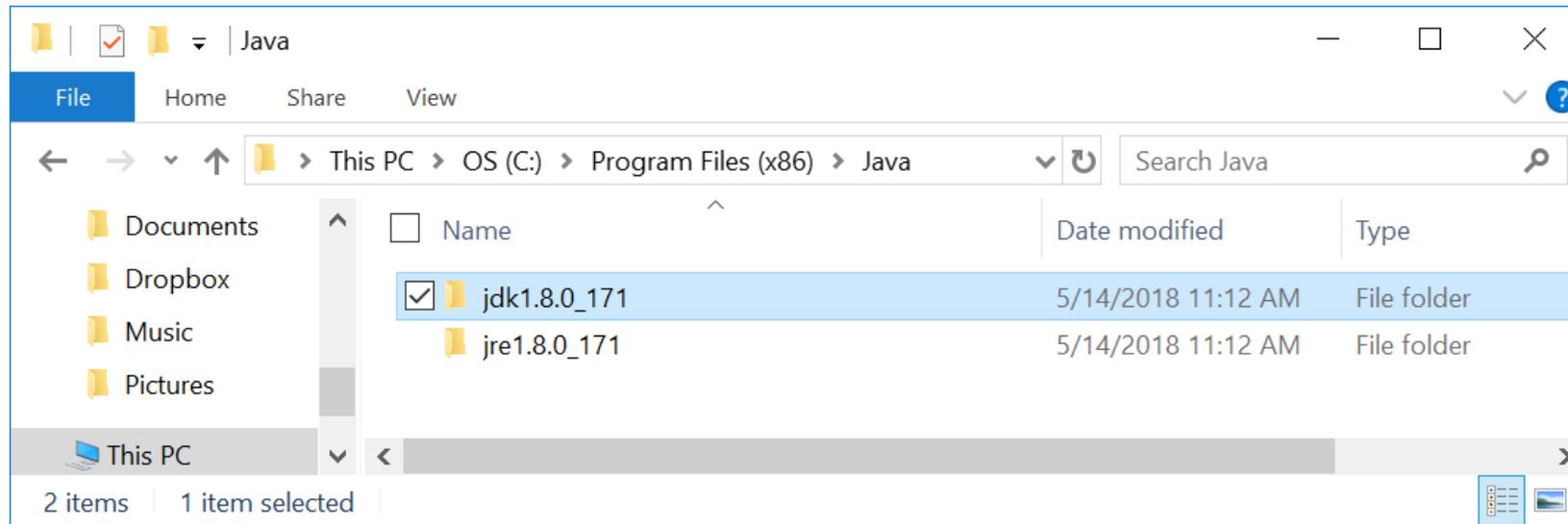
Installation of Java and TextPad Editor

Installation of Java

- Go to the JDK download site.
<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
- In the section of “Java SE Development Kit 8u171”, Select “Accept License Agreement”, and then click to download “jdk-8u171-windows-i586.exe” for Windows 86, assuming that you use a computer with Windows 10 or early version OS (see the following screen-shot)
- After downloading the file, click it and then follow the instructions to install Java

Check if the installation is successful?

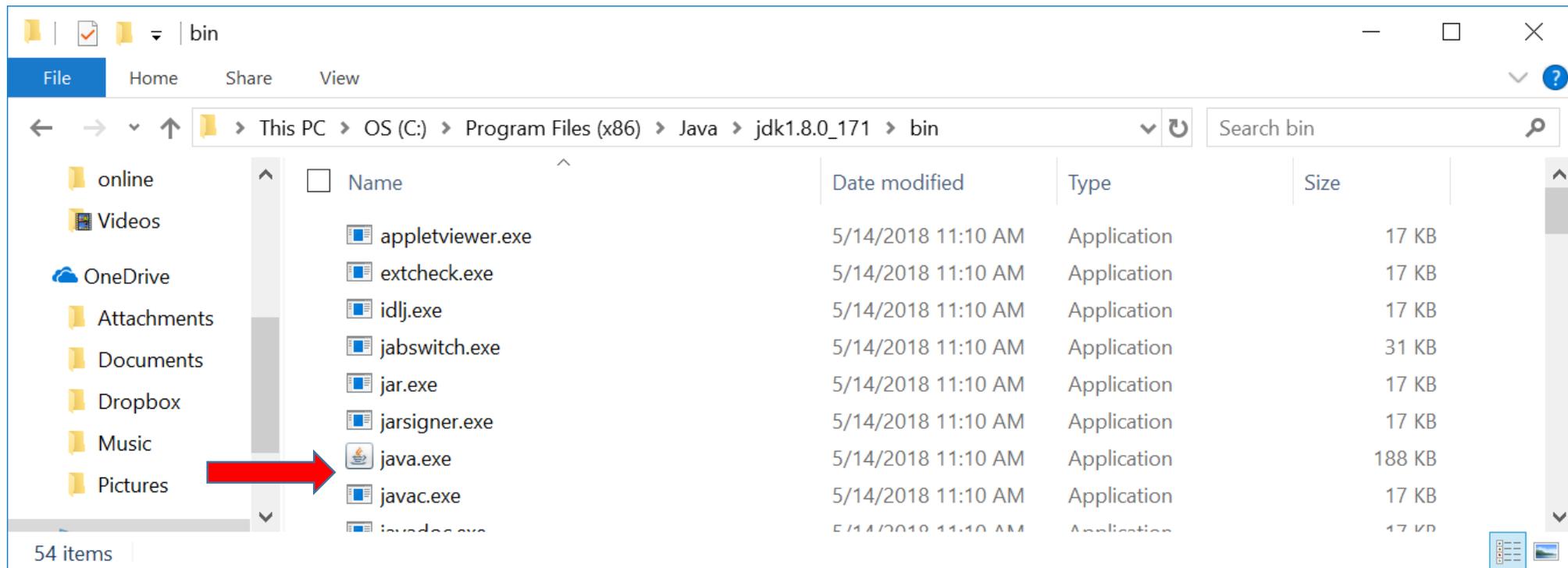
- Go to the following folder



- Click “jdk1.8.0.171” or the similar one, and then click “bin”.

Check if the installation is successful? (ctd)

- You can find the two files, and javac.exe (compiler) and java.exe (used to run Java)



Installation of TextPad Editor

- After the successful installation of Java, go to the TextPad download website. <https://www.textpad.com/download/textpad45.html>
- Download either version 5.4.2 or version 4.7.2
- Follow the instructions to install the TextPad editor

TextPad 4 and 5 Downlc

https://www.textpad.com

TextPad 4 and 5 Downloads:

For your convenience, TextPad 4.7.3 and 5.4.2 are provided for download here, although no longer supported

These self-extracting executable files contain TextPad, with the English user interface, plus one other language, and a dictionary for the spell checker, as shown in the table. (Other [dictionaries](#) may be downloaded separately.) If the online help is not available in a given language, it is provided in English.

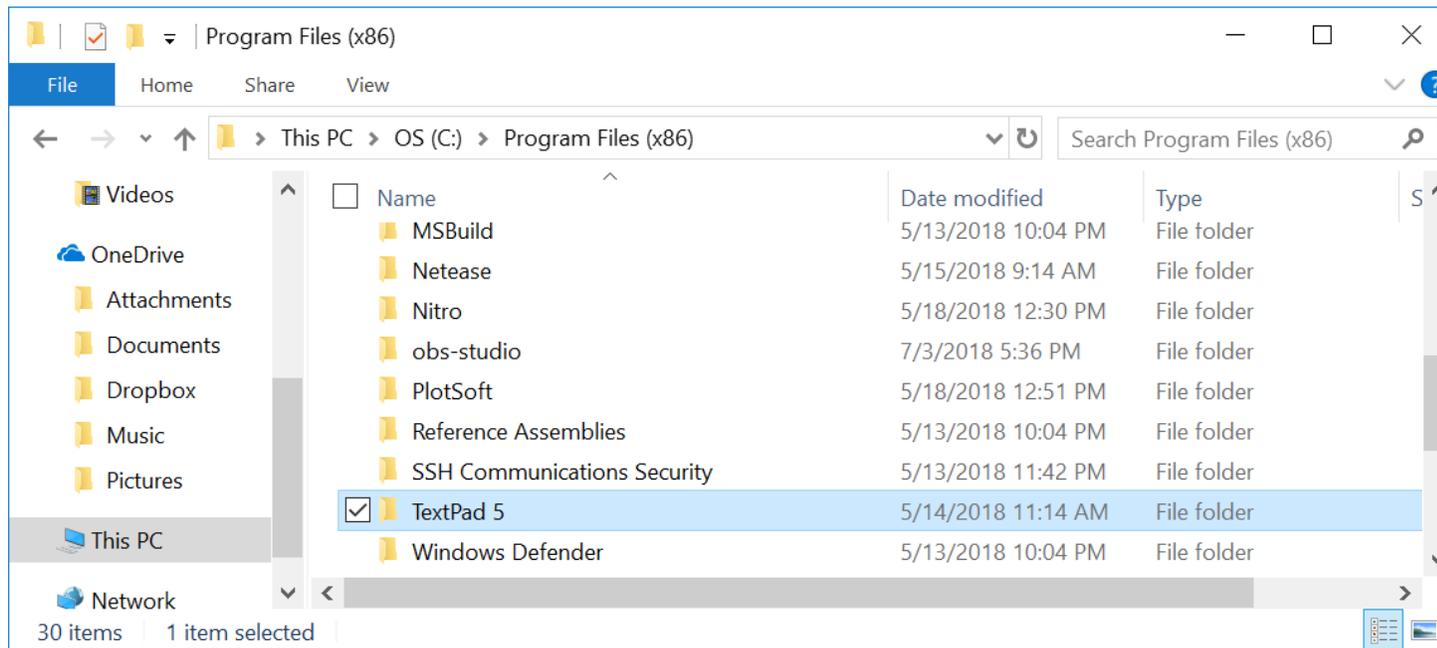
Please read the [Installation Instructions](#), while the file is downloading.

User Interface:	Online Help/Spelling:	Date:	Size (KB):	Download:
-- Version 5.4.2 --				
English	English/ American, British & Canadian	13-Jan-11	2565	Download
French	French/ French	13-Jan-11	2951	Download
German	German/ German (old & reform)	13-Jan-11	3324	Download
Italian	Italian/ Italian	17-Jan-11	3069	Download



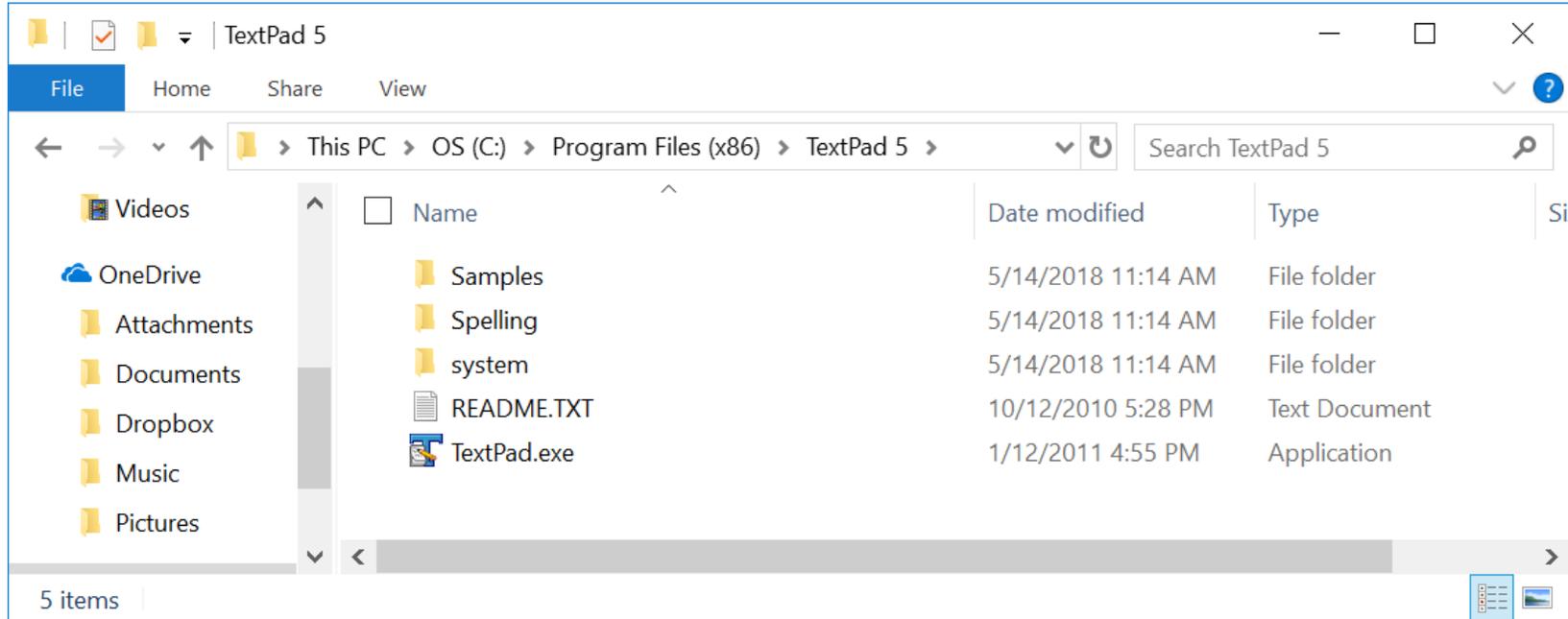
Check if the installation is successful?

- Go to the following folder and then click “TextPad 5”



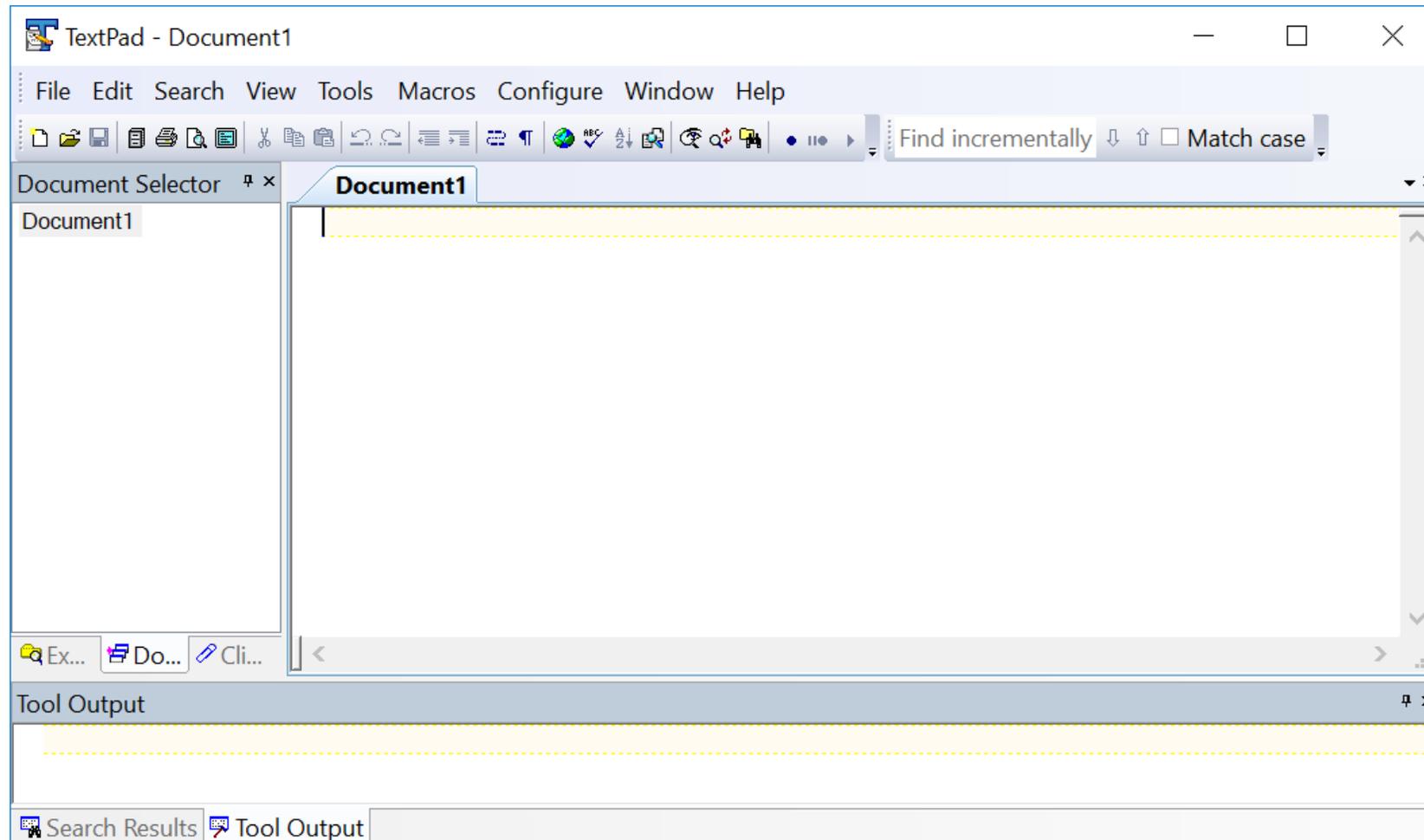
Check if the installation is successful? (ctd)

- You can find the file “TextPad.exe”. Click it and run the editor



Check if the installation is successful? (ctd)

- Here is the screen-shot of the editor

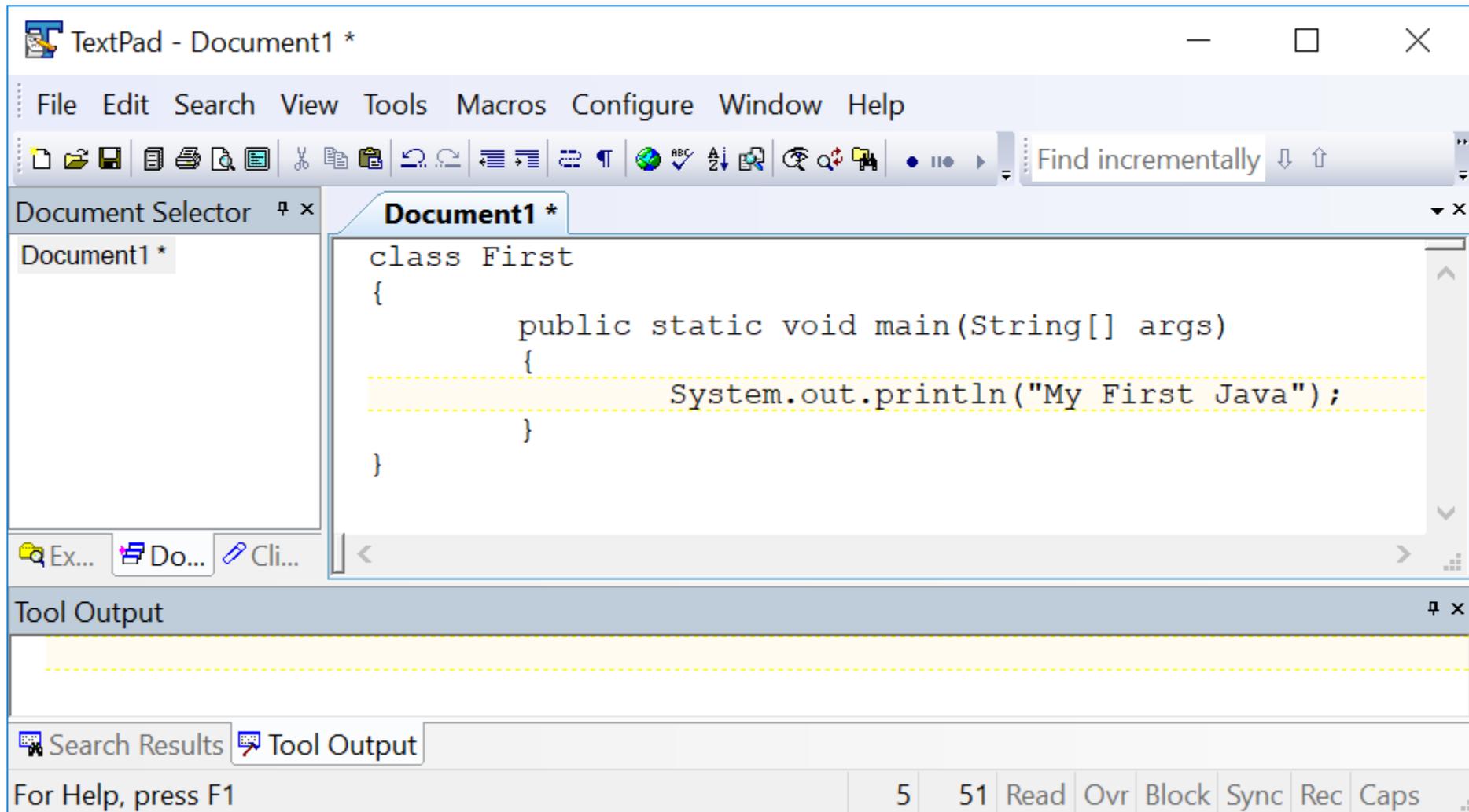


To check if you can run Java with TextPad?

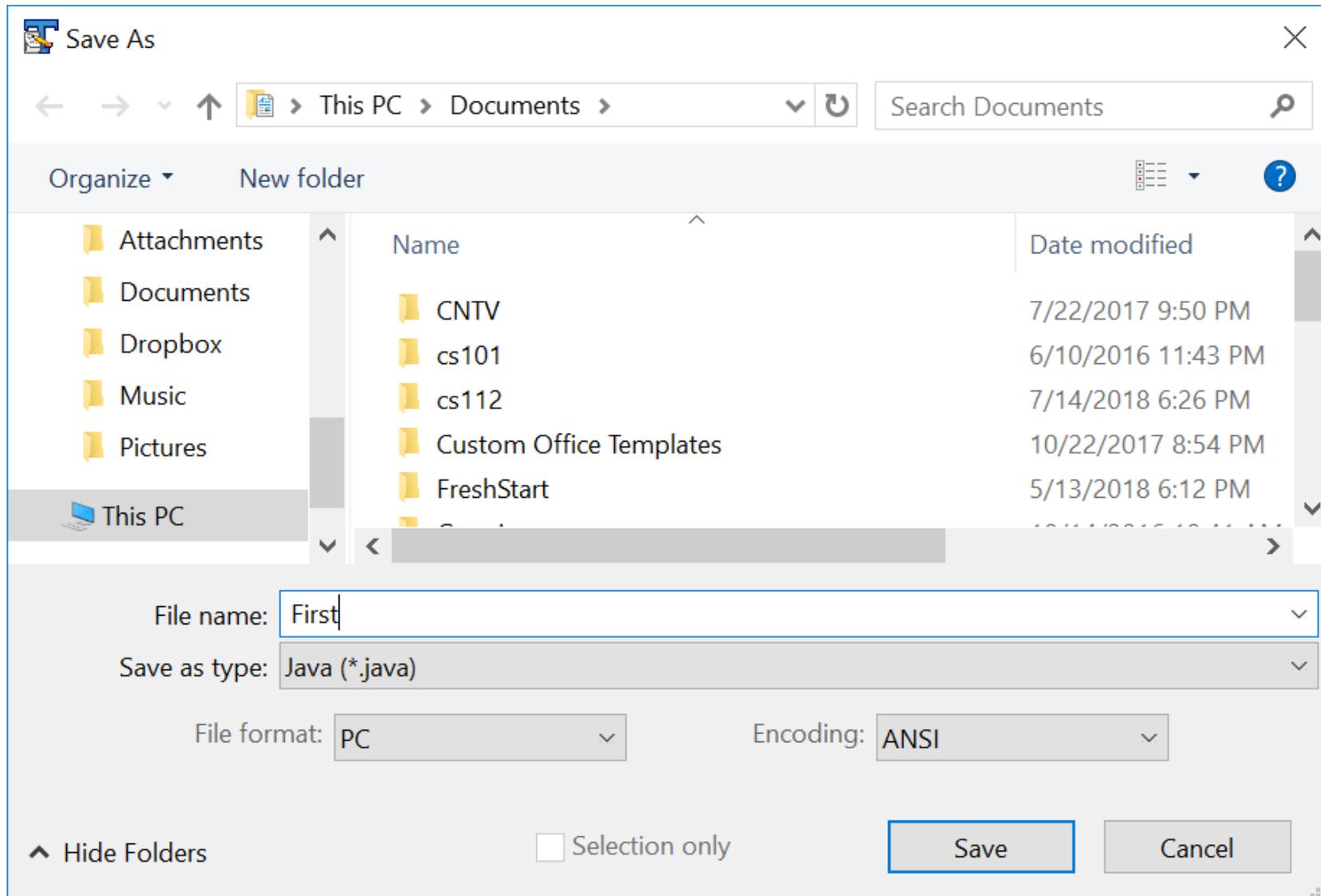
- Type the following simple Java code to the editor

```
class First
{
    public static void main(String[] args)
    {
        System.out.println("My First Java");
    }
}
```

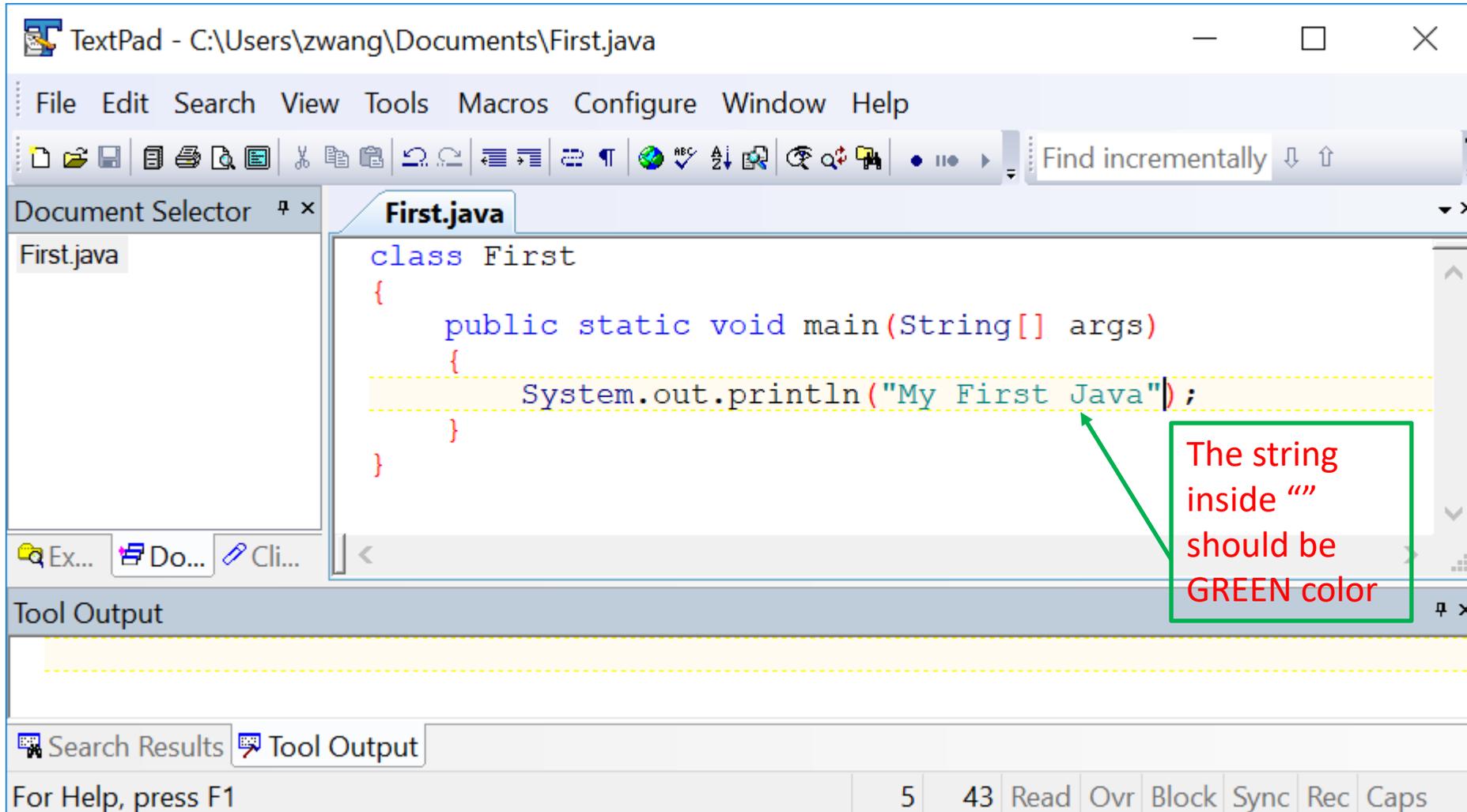
Note: If you copy the code from Word/PPT to TextPad, the double-quotes (“) should be deleted and retyped since they might be copied incorrectly.



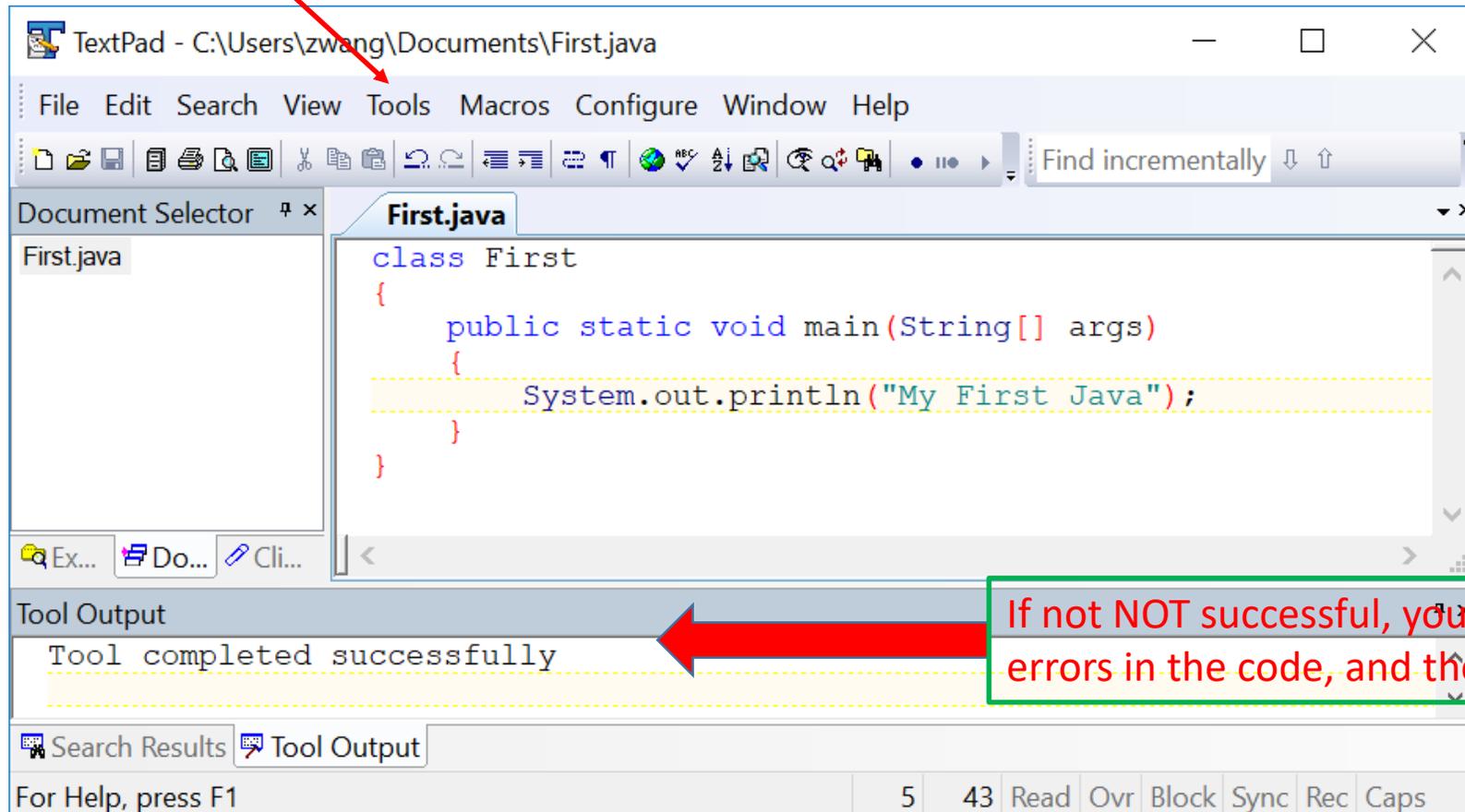
- Save the file as First.java (Save as type: Java) to the Documents folder



- The screen-shot should look like as follows.

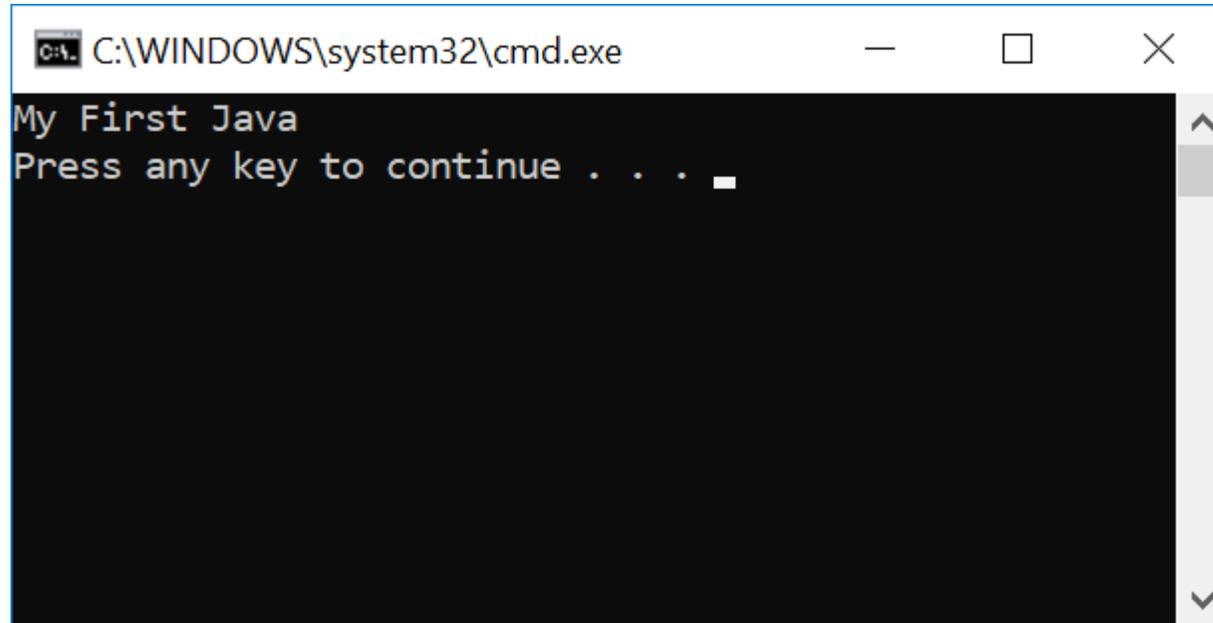


- Select Tools → External Tools → Compile Java (Ctrl+1). The result is shown as follows.



- *Alternative way:* use the short-cut keys Ctrl + 1 (hold Ctrl key and press 1) to compile the code

- Select Tools → External Tools → Run Java Application (Ctrl+2), and then the result is shown as follows.



A screenshot of a Windows command prompt window. The title bar shows the path `C:\WINDOWS\system32\cmd.exe`. The window content displays the text `My First Java` on the first line and `Press any key to continue . . .` on the second line, followed by a small white cursor. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

- *Alternative way:* use the short-cut keys Ctrl + 2 (hold Ctrl key and press 2) to run the code
- Congratulations! You have successfully install both the Java and TextPad editor

- The following video show that another way to install both Java and TextPad editor. <https://youtu.be/AZWPoGgIZWU>