

Lab 1: Using Java from the Command Line

Exercise 1: Compile and Run your first Application

1. Make sure you have the Java installed on your system by issuing the following commands:
java -version
javac -version
2. Compile and run your first program.
 - a) Create a directory called “java” in your home directory.
 - b) Create a directory called “hello” in “java” directory.
 - c) Download the HelloWorld.java from the Lab Section of the Resources tab located at <https://piazza.com/mu.edu.tr/spring2016/ceng1004/resources> and put it in the hello directory.
 - d) Compile the HelloWorld.java by issuing the “javac HelloWorld.java” command in the hello directory.
 - e) List the files in hello directory.
 - f) Run the HelloWorld class by issuing the “java HelloWorld” command in the hello directory.

Exercise 2 : Write Counter Class

1. Create a directory called “count” in the “java” directory.
2. Open a text editor and create a class called Counter in the “count” directory.
3. Implement the main method of the Counter class to print integers from 1 to 10.
4. Compile and run Counter class

Exercise 3 : Write OddCounter Class

1. Open a text editor and create a class called OddCounter in the “count” directory.
2. Implement the main method of the OddCounter to print first ten odd numbers.
3. Compile and run Counter class

Exercise 4 : Write Fibonacci Class

1. Open a text editor and create a class called Fibonacci in the “count” directory..
2. Implement the main method of the Fibonacci to print first ten Fibonacci Numbers.
3. Compile and run Fibonacci class