

Exercise 2 for Lecture 1

Chapter 1

Introduction to Computers, Programs, and Java

COMP217
Java Programming
Spring 2019
Instructor: Gil-Jin Jang

COMP217

Java Programming

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Exercise 2 for Chapter 1, part 2

Getting Started with Java Programming

Anatomy of Java Language

Instructor: Gil-Jin Jang

[Lab] Setting Up Java/C Compilers

- Online compilers
 - Java:
https://www.tutorialspoint.com/compile_java_online.php
 - C: https://www.tutorialspoint.com/compile_c_online.php
 - Or try others such as JDOODLE
 - Online compilers sometimes have problems in downloading codes, network connection, speed, etc.
 - For example, not easy to download source code from www.onlinegdb.com
- Online compilers may be used as supplementary tools
 - Such as grading standard

[Lab] Setting Up Java/C Compilers

- In this exercise, you will set up appropriate Java and C programming environment
 - Try the followings with TA, and choose the one suited best to you
- Offline (PC) Java compilers
 - Option1) Install JDK + Command prompt
 - Try to search “How to install JDK”
 - Option2) Use graphical interface
 - Example) Eclipse
- Offline C compilers
 - Option1) code::blocks (<http://www.codeblocks.org/>) with MinGW installation
 - Option2) pre-installed Visual C
 - May not be installed on all the lab PCs

Exercise

- Write the following java code, compile, and execute
 - DO-NOT-COPY-AND-PASTE but TYPE it
- Translate the code into C, compile, and execute
- Submit Celsius2Fahrenheit.java and Celsius2Fahrenheit.c to lms.knu.ac.kr
 - File names should match (penalty will be given for different file names)

```
public class Celsius2Fahrenheit {  
    public static void main(String[] args) {  
        System.out.println("Celsius 35 is Fahrenheit  
        degree ");  
        System.out.println((9 / 5) * 35 + 32);  
        System.out.println((9.0 / 5.0) * 35 + 32);  
    }  
}
```