

CS201 Computer Science I

Date: 9/22

Due: 9/26 (Friday), 12noon.

Goal: To get familiar with the Java programming environment

Problem 1: “HelloWold!” greeter program

Description: It is the tradition that one should start with the first program which prints out “HelloWorld!”. Familiarize yourself with the computing environment, edit, compile, and execute your program using TextPad.

Problem 2: Temperature converter

Description: Write a program which converts between Celsius and Fahrenheit for given input temperatures. Make the output temperatures whole numbers. The formula for conversion:

$T_c = (5/9)*(T_f - 32)$, where T_c = temperature in degrees Celsius, T_f = temperature in degrees Fahrenheit.

Make your output meaningful to your users. For example (with an input of 70 and 30):

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70 degrees Fahrenheit is 21 degrees Celsius
30 degrees Celsius is 86 degrees Fahrenheit
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