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SSW 315 Homework 1

9/12/2020

I hereby pledge my honor that I have abided by the Stevens honor code - Zack Edwards

1.2) The three types of comments in Java are single line comments, multiline comments, and documentation comments.

A single line comment is initialized with // as used below and only comments out 1 line

// this is a single line comment

A multi line comment can be initialized with /* and ended with */ as demonstrated below. It can be used to comment out multiple lines when using single line comments would be tedious.

/* this

Is

A

Multi

Line

Comment */

A documentation comment is used when producing a software product because it creates a documentation page for parameters and data about the software. It is with /** and has a * on each line and is ended with a */ as demonstrated below.

/** this

*is

*a

*documentation

comment/

1.5) a prefix increment operator looks like ++i and a postfix operator looks like i++. The difference is when the increment occurs. A prefix (when used in a for or while loop) causes the variable to increment before a loop happens, whereas a postfix causes the increment to occur after the loop.

1.9) Overloading is when multiple methods in a class have the same name but take in different parameters.

1.11)
   1) A = 13 b = 6 c = 9
   2) A = 16 b = 7 c = 10
   3) A = 18 b = 8 c = 11
   4) A = 21 b = 9 c = 12

1.13) init = i = 0 Test = i > 5 Update = ++i