Signature

Name:

**CSE102 Programming Languages II Quiz #1**

1. What is wrong with the following program?

**public** **static** **int** min(**int** a, **int** b) {

**if**(a < b)

**return** a;

**else**

**return** b;

}

**public** **static** **void** main(String[] args) {

**int** a = 3;

**int** b = 2;

**int** c = 5;

a = *min*(a,b,c);

}

1. If-else structure is missing curly braces.
2. Parameters of min() conflicts with variables a,b defined in main.
3. Variable a appears on both sides of assigment operator which causes undefined behavior.
4. The function min must be given two arguments, not three.
5. What is wrong with the following function?

**public** **static** String concat(String s1, String s2) {

// concatenates two strings

System.***out***.println(s1 + s2);

}

1. Comments can’t be inside functions.
2. static functions can’t take parameters.
3. Return type is String but function does not return anything.
4. + operator does not concatenate strings.

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1. Write a method that takes three integer arguments and returns their maximum. (You can use Math.max() function)

**public** **static** **int** maxThree(**int** a, **int** b, **int** c) {

**return** Math.*max*(a, Math.*max*(b, c));

}Signature

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**CSE102 Programming Languages II Quiz #1**

3. Write a method that takes three integer arguments and returns their maximum. (You can use Math.max() function)