Signature

Name:

**CSE102 Programming Languages II Quiz #2**

1. What will be the output of the following program?

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

**int**[] arr = **new** **int**[10];

arr[4] = 5;

**int**[] arr2 = arr;

arr2[4] = 3;

System.***out***.println(arr[4]);

}

1. 3
2. 5
3. 10
4. Compiler Error
5. What will be the output of the following program?

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

**int**[] arr = **new** **int**[10];

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1. 0
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**CSE102 Programming Languages II Quiz #2**

1. Write a method which takes a double array *nums* and a boolean array *cond* and returns the sum of all *nums[i]* for all *i* where *cond[i]* is true. (You can assume that the two arrays have the same length.)

**public** **static** **double** f(**double**[] nums, **boolean**[] cond) {

**double** res = 0;

**for**(**int** i=0; i<nums.length; i++)

**if**(cond[i])

res += nums[i];

**return** res;

} **CSE102 Programming Languages II Quiz #2**

**3**. Write a method which takes a double array *nums* and a boolean array *cond* and returns the sum of all *nums[i]* for all *i* where *cond[i]* is true. (You can assume that the two arrays have the same length.)