

Naming Practice

Started: Sep 23 at 11:24am

Quiz Instructions

Question 1

1 pts

What is wrong with the variables in each piece of code? **Check all that apply.**

Code snippet:

```
1. for(int I = 0; I <= N-1; I++) {  
2.     int Smallsb = I;  
3.     for(int j = I + 1; j <= N-1; j++) {  
4.         if(A[j] < A[Smallsb])  
5.             Smallsb = j;  
6.     }  
7.     double Temp = A(I);  
8.     A[I] = A[Smallsb];  
9.     A[Smallsb] = Temp;  
10. }
```

- ☐ Some names are way too long
- ☐ Some names do not describe intent
- ☐ Naming conventions are not consistent
- ☒ Nothing wrong, everything looks great

Question 2

1 pts

What is wrong with the variables in each piece of code? **Check all that apply.**

Code snippet:

```
1. public static int factorial(int n) {  
2.     int r = 1;
```

```
3.   for(int i = 2; i <= n; i++)
4.       r *= i;
5.   return r;
6. }
```

- ☐ Some names are way too long
- ☐ Some names do not describe intent
- ☐ Naming conventions are not consistent
- ☒ Nothing wrong, everything looks great

Question 3

1 pts

What is wrong with the variables in each piece of code? **Check all that apply.**

Code snippet:

```
1. for(int i = 0; i <= NumClients - 2; i++) {
2.     for(int j = 0; j <= NumClients - 2; j++) {
3.         if(ClientNames[j] > ClientNames[j + 1]) {
4.             string NameToSwap = ClientNames[j];
5.             ClientNames[j] = ClientNames[j + 1];
6.             ClientNames[j + 1] = NameToSwap;
7.         }
8.     }
9. }
```

- ☒ Some names are way too long
- ☒ Some names do not describe intent
- ☐ Naming conventions are not consistent
- ☐ Nothing wrong, everything looks great

Question 4

1 pts

What is wrong with the variables in each piece of code? **Check all that apply.**

Code snippet:

1. public class MyStopwatch {
2. private long startTimeForMyStopwatch;
3. private long stopTimeForMyStopwatch;
- 4.
5. public static final double NUMBER_NANOSECONDS_PER_SECOND = 1000000000.0;
6. public void start(){ startTimeForMyStopwatch = System.nanoTime(); }
7. public void stop(){ stopTimeForMyStopwatch = System.nanoTime(); }
8. public double time(){ return (stopTimeForMyStopwatch - startTimeForMyStopwatch) / NUMBER_NANOSECONDS_PER_SECOND; }
- 11.
12. public String toString(){ return "elapsed time: " + time() + " seconds."; }
13. public long timeInNanoseconds(){ return (stopTimeForMyStopwatch - startTimeForMyStopwatch); }
14. }

-
- ☒ Some names are way too long
-
- ☒ Some names do not describe intent
-
- ☒ Naming conventions are not consistent
-
- ☐ Nothing wrong, everything looks great

Quiz saved at 11:26am

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