

Quiz 1 Review (Finish before class starts Wednesday.)

Name: \_\_\_\_\_

1. What is output by the following?

```
System.out.println("Go\n\tLigers!");
```

2. What is output when the following code runs?

```
System.out.println(4+5+"Hello ");
```

3. What is output when the following code runs?

```
System.out.println("Hello "+4+5);
```

4. What is output when the following code runs?

```
System.out.println("Hello "+(4+5));
```

4. What is output by this code?

```
int u = 7;
u++;
u++;
u--;
u+=u;
u--;
u--;
System.out.println(u);
```

5. What is output by this code?

```
int x = 15;
System.out.println(x/2);
```

6. What is output by this code?

```
int x = 15;
System.out.println(x%7);
```

7. What is output by this code?

```
System.out.println(2%5);
```

7. Will the following code compile and run? If not, suggest a correction.

```
double a = 5;
```

8. Will the following code compile and run? If not, suggest a correction.

```
int a = 5.73;
```

9. Complete the following code to print the average of variables a, b, and c as a double:

```
int a = /* missing expression */;
int b = /* missing expression */;
int c = /* missing expression */;

double average = _____;

System.out.println(average);
```

10. What is output by this code?

```
int x = 7;
x+=8;
x--;
x-=2;
double y = 1.0*x/3;
x/=3;
System.out.println(x+" "+y);
```

11. What is output by the following?

```
System.out.println("Rom");
System.out.print("eo");
System.out.println(" and Juliet");
```

**(circle the correct answer below):**

- Rom
- eo and Juliet
- Romeo and Juliet
- Romeo
- and Juliet

12. What is output by this code?

```
System.out.println(5%2);
```

13. What is output by this code?

```
double b = 5/2;  
System.out.println(b);
```

14. What is output by this code?

```
double b = (double)5/2;  
System.out.println(b);
```

15. What is output by this code?

```
double b = 1.0*5/2;  
System.out.println(b);
```

16. What is output by this code?

```
double b = (double) (5/2);  
System.out.println(b);
```

17. What is output by this code?

```
double b = 3.14159;  
System.out.println((int)b);
```

18. What is output by this code?

```
double b = 2021 + 5/10;  
System.out.println(b);
```

19. What is output by this code?

```
boolean val = true;  
System.out.println("I will remain "+val);
```

20. What is output by this code?

```
int a = 8;  
int b = 5;  
int c = 4;  
int d = 3;  
double x = ( a + b % c ) / d;  
System.out.println(x);
```

21. What needs to replace the missing expression below in order for the output to be 154?

```
int x = /* missing expression */;  
int y = 7 + 2 * x;  
System.out.print(y);  
System.out.println(x);
```

22. What is output by this code?

```
int c = 0;  
c++;  
c+=9;  
c/=2;  
c*=7;  
System.out.println(c%4);
```

Finish this worksheet before class starts Wednesday. Bring it to class and show it to me, corrected, at the start of class Wednesday to get credit. I will post a worked-out key Monday after school at <http://www.dogatemyhomework.com/docs/APCS/>

Also due before start of class Wednesday:

Complete the online Google Form reviews, both part 1 and part 2. To get full credit you must get a perfect score on each. You may do both as many times as you need to, I'll take your highest score.

What else can you do to prepare for the quiz?

Re-do some of our repl assignments, re-do any of our previous Google form reviews.

The quiz on Wednesday will be on paper, and you will not have access to your notes, the computer, or any other outside help. It will be you, your brain, your pencil, and the paper.