

CSSE 220 – Object-Oriented Software Development  
**Rose-Hulman** Institute of Technology

Worksheet 01

Name (Print): \_\_\_\_\_ Section: \_\_\_\_\_

1. Java is a high-level, \_\_\_\_\_, platform-\_\_\_\_\_ programming language

2. Terminology:

Term	Definition
	A word that has a special meaning (e.g. public)
	A single action terminated by semi-colon
	A sequence of instructions

3. True/False Every Java program must have at least one class.  
 4. True/False Every executable Java program must have a method called main.

5. Provide three common keywords:

- (a)
- (b)
- (c)

6. Missing semicolon is a common example of \_\_\_\_\_.

7. Find an invalid literal:

- (a) "10000000"
- (b) 10000000
- (c) '10000000'

8. 1. (print() / println()) method displays the passed string followed by a new line

2. (print() / println()) method displays the value and places the cursor after it

9. (1) To compare Strings use \_\_\_\_\_

- (2) To compare primitives use \_\_\_\_\_

10. True/False: Every variable must be declared with a specific datatype

11. List common primitive data types in Java: \_\_\_\_\_

12. Provide 3 ways of making comments:

```
1) single-line  
2) -----  
3) multi-line  
4) -----  
5) -----  
6)  
7) javadoc  
8) -----  
9) -----
```

13. True/False: Class name and the file name must be the same

14. Write the output:

- (a)  $2 + 3 =$
- (b) '2' + '3' =
- (c) "2" + "3" =
- (d) "2" + '3' =

15. Declare a String variable **str** and assign it with the literal value "Hello Java!". Then extract the word **Java**.

```
1  
2 -----  
3  
4 -----  
5  
6 -----
```

16. Find your shortcuts:

- (a) Open a wizard (to create a new class, project etc) \_\_\_\_\_
- (b) Maximize, minimize editor: \_\_\_\_\_
- (c) Comments: \_\_\_\_\_
- (d) Auto suggestion: \_\_\_\_\_
- (e) Find another useful shortcut in Eclipse: \_\_\_\_\_

17. Write one question that you want to discuss in the next class about today's topics (for example, you are curious about something or unclear about something):