

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. Provide at least three common keywords:

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

4. True or False: You cannot use the keywords because they are reserved in Java

- (a) True
- (b) False

5. Every executable Java program consists of a \_\_\_\_\_ that contains a method called \_\_\_\_\_. This method contains \_\_\_\_\_ to be executed.

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

7. Identify the type of literal and provide an example:

Type	Definition
	represents whole numbers  example:
	a single symbol  example:
	a sequence of characters  example:

8. Find an invalid literal:

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

9. To assign a literal to a variable, you

- 1) \_\_\_\_\_ the variable with its type, then
- 2) \_\_\_\_\_ it with a literal value.

10. Complete Your first Java program called HelloJava that prints "Hello Java!"

```
1 public  _____ {  
2  
3     public static void _____ {  
4  
5         System. _____ ;  
6  
7 }
```

11. 1. \_\_\_\_\_ method displays the passed string followed by a new line

2. \_\_\_\_\_ method displays the value and places the cursor after it

12. Write a symbol for a new line using escape characters: \_\_\_\_\_

13. 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: \_\_\_\_\_