

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

Worksheet 01

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

1. **What is Java?**

Write the definition you heard in lecture in your own words.

2. **Important Terms From Today.** Write the definitions from the lecture.

Term	Notes from lecture
keyword	
statement	
literal	
identifier	
variable	

3. **Core Java Rules (circle the correct statement)**

- Every Java program must have at least one **class**. (T / F)
- Every Java program must contain a **main** method. (T / F)
- The file name must match the public class name. (T / F)
- You do not have to declare a data type. (T / F)

4. Provide three common keywords:

(a)

(b)

(c)

5. **Comment Styles** Identify 3 types of comments:

1) // \_\_\_\_\_

2)/\* \_\_\_\_\_  
 \_\_\_\_\_\*/

3) /\*\* \_\_\_\_\_  
 \_\_\_\_\_\*/

6. **print() vs println()** Write down the rule (when it is used) from lecture.

print(): \_\_\_\_\_

println(): \_\_\_\_\_

7. **Primitive Data Types**

Type	What it stores	Example
int		
double		
float		
boolean		
char		

8. **Literals: Identify Invalid literal**

"10000000"      10000000      '10000000'

9. **+ Operator Output: Write the Result**

(a)  $2 + 3 =$

(b)  $'2' + '3' =$

(c)  $"2" + "3" =$

(d)  $"2" + '3' =$

10. **String Practice.** Write the method that extracts a substring **Java**.

```
String str = "Hello Java!";
String result = _____;
System.out.println(result);
```

11. **Eclipse Shortcuts You Should Learn**

Open wizard: \_\_\_\_\_

Comments shortcut: \_\_\_\_\_

Auto-suggestion: \_\_\_\_\_

12. **Before you leave:**

Write one question or concept from today you want reviewed next class: