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

Worksheet 03

Name (Print):_____   Section:_____

1. _____ is a collection of numbers arranged into a fixed number of rows and columns.

2. 2D Array takes 2 dimensions:

   1. the first [] is for _____

   2. the second [] is for _____

3. Create a 2D array called arr 10x20:

```
1
2
        -----------------------
```

4. You created a 2D array arr. You need to access the value 5:

```
1  int[][] arr = {
2        {1,2,3},
3        {4,5,6}
4      };
5   System.out.println( _____ );
```

5. Length of Array:

   1) array.length = the number of _____

   2) array[0].length = the number of _____

6. Use Style conventions to name a variable, a method, a class using the following three words:
   name like this

   (a) Variable Name: _____

   (b) Method Name: _____

   (c) Class Name: _____

7. You can only place JavaDoc comments (=docstring) before the _____ declaration or a _____ declaration

8. Write your shortcut for formating: _____

9. To debug errors, often we can print the output. Print 1) variable **myVar**, 2) array **arr**, 3) class **person**

```
1)   System.out.println(_____);

 2)   System.out.println(_____);

3)   System.out.println(_____);
```

10. Debugging questions:

    1) _____ allows you to run a program and watch the execution

    2) _____ specifies where the execution should stop during debugging

    3) Eclipse provide a _____ for debugging with a pre-configured set of views

11. Step In and Step Over:

    Use _____ to debug inside a method, and _____ to run through a method call without diving into its details.