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

Worksheet 05

Name (Print):_____          Section:_____

1. _____ is a special method that is used to initialize objects.

2. Constructor runs when the client uses the _____ keyword.

3. List common Construtor Errors:

    (a) _____

    (b) _____

4. True / False: A Class can have multiple constructors

5. Define the encapsulation:

6. When the field is declared as _____, no code outside the class can access or change it.

7. There are 2 methods for accessing private fields:

    (a) getX() allows a client to _____ the field X
    (b) setX() allows a client to _____ the field X

8. You have a class MyClass. 1) Create a parameterless constructor (default) and 2) Create a constructor with 1 parameter with DataType String and name className:

```
public class MyClass {


      _____

      _____

      _____

      _____

}
```

9. Use the keyword this to complete the following constructor for the class Point

```
public class Point {

   public int x;

   public int y;

   public Point(int x, int y){

      _____

      _____

}
```