

WEEK 2 Classes and Objects
Laboratory Exercise

Member Names (LN, FN MI.): In alphabetical Order	1	De Jesus Michael Ivan		Score:		
	2	Geron Jomar				
Section:	2CS-A		Instructor:	Prof. Janus Raymond C. Tan	Sem./ A.Y.	1 st / 22-23

INSTRUCTION:

Create a class named “Lot” having class fields such as address, ownerFirstName, ownerLastName, length and width. Determine the most appropriate data type for each field through the given set of default class field values:

Class Field	Default Value
address	Manila
ownerFirstName	Juan
ownerLastName	Dela Cruz
length	5.50
width	7.20

A class named “MainProgram” will be defined in order to execute the program by including the given code from the given items as the body of the main method of the class “MainProgram” one after another. By doing so, you can answer the following items by writing your answers on the space provided. If the statements will result to a compiletime or runtime error, do not write anything except ERROR as your answer. (2 points each)

Your Program Code:

File: Lot.java

```
public class Lot{

    String address = "Manila",
           ownerFirstName = "Juan",
           ownerLastName = "Dela Cruz";

    double length = 5.50,
           width = 7.20;
}
```

NOTE: Treat each number as a new code execution, thus will not affect the changes in values per number.

1.	Lot objLot = new Lot(); System.out.println("Lot's address : " + objLot.address);
<div><div>Console</div><div><terminated> MainProgram (1) Lot's address: Manila</div></div>	
2.	Lot objLot = new Lot(); System.out.println("Owner's Full name : " + objLot.ownerFirstName + " " + objLot.ownerLastName);
<div><div>Console</div><div><terminated> MainProgram (1) [Java Applicati Owner's Full name : Juan Dela Cruz</div></div>	
3.	Lot objLot = new Lot(); System.out.println("Lot Area : " + (objLot.length * objLot.width));
<div><div>Console</div><div><terminated> MainProgram (1) Lot Area : 39.6</div></div>	
4.	Lot objLot = new Lot(); System.out.println("Old Lot Area : " + (objLot.length * objLot.width)); objLot.length = 10; System.out.println("New Lot Area : " + (objLot.length * objLot.width));
<div><div>Console</div><div><terminated> MainProgram (1) Old Lot Area : 39.6 New Lot Area : 72.0 </div></div>	
	5. Lot objLot = new Lot(); objLot.address = Cabuyao, Laguna; System.out.println("Lot's address : " + objLot.address);
ERROR	
6.	Lot objLot = new Lot(); objLot.ownerFirstName = "John"; objLot.ownerLastName = "Jones"; System.out.println("Hello " + objLot.ownerFirstName + "!");
<div><div>Console</div><div><terminated> MainProgram (1) Hello John!</div></div>	

7.	<pre>Lot objLot = new Lot(); objLot.width = "8"; System.out.println("Lot Area : " + (objLot.length * objLot.width));</pre>
ERROR	
8.	<pre>Lot objLot1 = new Lot(); Lot objLot2 = new Lot(); objLot2.length = objLot1.length * 3; objLot2.width = objLot1.width + objLot1.length; System.out.println("Lot Area of Lot 2: " + (objLot2.length * objLot2.width));</pre>
<div><div>Console</div><div><terminated> MainProgram (1) [Java Application] Lot Area of Lot 2: 209.54999999999998</div></div>	
	<pre>9. Lot objLot1 = new Lot(); Lot objLot2 = new Lot(); System.out.println("Owner's Full name of Lot 1: " + objLot1.ownerFirstName + " " + objLot1.ownerLastName); System.out.println("Owner's Full name of Lot 2: " + objLot2.ownerFirstName + " " + objLot2.ownerLastName);</pre>
<div><div>Console</div><div><terminated> MainProgram (1) [Java Application] C:\User Owner's Full name of Lot 1: Juan Dela Cruz Owner's Full name of Lot 2: Juan Dela Cruz</div></div>	
10.	<pre>Lot objLot1 = new Lot(); Lot objLot2 = new Lot(); objLot.address = "Calamba"; System.out.println("Lot 1 address : " + objLot1.address); System.out.println("Lot 2 address : " + objLot2.address);</pre>
ERROR	

Attach your own PDF file **(every group member should turn in his/ her own copy)** as your submission in the assigned task upon turning in using your MS Team Account following the given format above. **(your PDF file should begin with the first page of the given format)**