

Jeremiah Webb

CS222 Hw#3

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Results:

Test Cases	Input Parameters	Expected Output				Actual Output			
		R1	R2	R3	R4	R1	R2	R3	R4
1	length = height = width = 0.0	0	0	0	0	0	0	0	0
2	length = 15.0, height = width = 10.0	1500	800	140	1500	1500	800	140	1500
3	length = 10.0, height = width = 1.0	10	42	48	48	10	42	48	48

```
Input the length of the box: 0.0
Input the height of the box: 0.0
Input the width of the box: 0.0

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Volume: 0.0
Area: 0.0
Edge length: 0.0
Largest parameter: 0.0

Test Case 1: width = 0.0, length = 0.0, height = 0.0
Volume: 0.0
Area: 0.0
Edge length: 0.0
Largest parameter: 0.0

Test Case 2: width = 10.0, length = 15.0, height = 10.0
Volume: 1500.0
Area: 800.0
Edge length: 140.0
Largest parameter: 1500.0

Test Case 3: width = 1.0, length = 10.0, height = 1.0
Volume: 10.0
Area: 42.0
Edge length: 48.0
Largest parameter: 48.0
```

QUESTIONS: Answer the following questions and turn in. See the DELIVERABLES section.

1. How many attributes and how many methods does the Manager.java file have?

There are 0 attributes. There are 2 methods, testCases and main, main is a static method.

2. How many attributes and how many methods does the Box.java file have?

There are 11 methods. There are 3 attributes, length, height, and width.

3. How many Manager objects are created when the Manager file is executed?

There is 1 manager object created.

4. How many Box objects are created when the Manager file is executed?

There are 2 Box objects created.

5. Can the methods in Box.java be executed without creating an object of the Box class?

Methods in Box.java cannot be executed because none of the methods are static.