



# Java Inheritance II

 by [Shafaet](#)[Problem](#)[Submissions](#)[Leaderboard](#)[Discussions](#)[Editorial](#)

Write the following code in your editor below:

1. A class named *Arithmetic* with a method named *add* that takes **2** integers as parameters and returns an integer denoting their sum.
2. A class named *Adder* that inherits from a superclass named *Arithmetic*.

Your classes should not be **public**.

## Input Format

You are not responsible for reading any input from stdin; a locked code stub will test your submission by calling the *add* method on an *Adder* object and passing it **2** integer parameters.

## Output Format

You are not responsible for printing anything to stdout. Your *add* method must return the sum of its parameters.

## Sample Output

The *main* method in the *Solution* class above should print the following:

```
My superclass is: Arithmetic
42 13 20
```


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Max Score: 10

Difficulty: Easy

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Java 7

1 ▶ `import` ;6 `//Write your code here`

```
7 ▶ public class Solution{↔}
19
```

Line: 3 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

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