

Java Inheritance 2

Take a look at the following java code:

```
class Solution{

    public static void main(String []largs){
        Adder X=new Adder();
        System.out.println("My superclass is: "+X.getClass().getSuperclass().getName());
        System.out.print(X.add(10,32)+" "+X.add(10,3)+" "+X.add(10,10)+"\n");

    }
}
```

The main function in *Solution* class creates an object of *Adder* class. Then it prints the name of the class that *Adder* inherited and calls the *add* method several times.

Now complete this code so that it outputs the following lines:

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

You don't need to write the *Solution* class. *We will append your code with the code given above before running it.*

If you need to write more than one class, write them in a single file. Your classes *shouldn't be public*.

Sample Input

No input.

Sample Output

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