

Forum:[Hack Forums](#)

Thread: [Need help with this Loop and 2 more situations.](#)

CupOfJava - February 7, 2018, 9:44 am

Here's the code we were given for this class assignment.

Code:

```
package lab04a;

/** A program to sum the numbers from 1 to 10.
    Also to sum their squares.
    @author Mark Young (A000000000) /
    public class SumIntegers {

        public static final int MAX = 10;

        public static void main(String[] args) {
            // create required variables
            int sum;

            // print sum of numbers from 1 to 10
            sum = 0;
            System.out.print("I'm adding up the numbers: ");
            for (int i = 1; i <= MAX; ++i) {
                System.out.print(i + " ");
                sum += i;
            }
            System.out.println("\n"
                + "The sum of the integers from 1 to " + MAX
                + " is " + sum);

            // print sum of squares from 1 to 10
        }

    }
```

Note: We are using Netbeans

Here's the instructions we were given to do:

It presently prints the sum of the integers from 1 to 10. Add another loop (after the first) so that it also so that it sums the squares of the integers from 1 to 10. (That is, it sums 1, 4, 9, 16, ..., 100 -- which should come out to 385.)

"I'm adding up the numbers: 1 2 3 4 5 6 7 8 9 10 .
The sum of the integers from 1 to 10 is 55
I'm adding up the numbers: 1 4 9 16 25 36 49 64 81 100 .

The sum of the squares from 1 to 10 is 385"

There are 2 more Activities to do with this project I need help as this is due 12am Today.

Figured out this problem! If you want the answer its:

```
public class SumIntegers {  
  
    public static final int MAX = 10;  
  
    public static void main(String[] args) {  
        // create required variables  
        int sum;  
  
        // print sum of numbers from 1 to 10  
        sum = 0;  
        System.out.print("I'm adding up the numbers: ");  
        for (int i = 1; i <= MAX; ++i) {  
            System.out.print(i + " ");  
            sum += i;  
        }  
        System.out.println(".\n"  
            + "The sum of the integers from 1 to " + MAX  
            + " is " + sum);  
  
        // print sum of squares from 1 to 10  
        sum = 0;  
        System.out.print("I'm adding up the numbers: ");  
        for (int i = 1; i <= MAX; ++i) {  
            System.out.print(i + " ");  
            sum += i * i;  
        }  
        System.out.println(".\n"  
            + "The sum of the integers from 1 to " + MAX  
            + " is " + sum);  
        // print sum of squares from 1 to 10  
    }  
}
```

BottomNotch - February 9, 2018, 3:34 pm

Yes that is correct, went and completed it just to see you edited your post lmaooo.

What are the 2 other additions to this? Post them or PM me.