



MONICA A-1912080@nec

0/10 22 0 0 816 1497

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LeaderBoard & Prev Day Solution

DAILY TEST**ProgramID- 6418****SkillRack**

Time Left: 00:00:00

Squares and Sum of N Natural Numbers

The program must accept an integer **N** as the input. The program must print the squares of natural numbers from 1. The squares must be printed up to the cube of N in the first line. The second line must contain the sum of these squares.

Boundary Condition(s):

 $1 \leq N \leq 50$

Input Format:

The first line contains the value of N.

Output Format:

The first line contains the squares of N natural numbers

The second line contains the sum of the squares of N natural numbers.

Example Input/Output 1:

Input:

5

Output:

1 4 9 16 25 36 49 64 81 100 121

506

Explanation:

The N value is 5.

The squares must be printed up to the cube of 5 that is 125.

so the values 1 4 9 16 25 36 49 64 81 100 121 are printed.

The sum of these squares is 506.

Example Input/Output 2:

Input:

10

Output:

1 4 9 16 25 36 49 64 81 100 121 144 169 196 225 256 289 324 361 400 441 484 529
576 625 676 729 784 841 900 961
10416

Max Execution Time Limit: 5000 millisecs



Ambiance



Java (12.0)



Reset

```
1 import java.util.*;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner sc=new Scanner(System.in);
5         int n=sc.nextInt();
6         int a=n*n*n;
7         int sum=0;
8         int i=1;
9         while(a>=i*i){
10             System.out.print(i*i+" ");
11             sum+=(i*i);
12             i++;
13         }
14         System.out.println();
15         System.out.print(sum);
16     }
17 }
18
19 }
```

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Code did not pass the execution



Input:

5

Expected Output:

1 4 9 16 25 36 49 64 81 100 121
506

Your Program Output:

0

Save

Run

☐

Run with a custom test case (Input/Output)