- **EASY**
- **Max Score: 20 Points**

Verify Cube

Take two positive integers from the user. Verify if $(a+b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$.

Calculate the Left hand side (LHS) and the right hand side (RHS) of the equation. Print the (LHS) and the (RHS).

Print `VERIFIED` in uppercase if they are equal, otherwise print `NOT VERIFIED`.

Input Format

The first line contains two integers A and B.

Output Format

Print two integers, the LHS and RHS in separate lines.

Then print "VERIFIED" (without quotes and in uppercase) if they are equal, else print "NOT VERIFIED".

Example 1

Input:

```
4 5
```

Output:

```
729
729
VERIFIED
```

Explanation:

We have A = 4 and B = 5.

Since, LHS = 729 and RHS = 729, our equation is Verified.

Example 2

Input:

```
1 2
```

Output:

```
27
27
VERIFIED
```

Explanation:

We have A = 1 and B = 2.

Since, LHS = 27 and RHS = 27, our equation is Verified.

Constraints

1 <= A <= 100000

1 <= B <= 100000

My code

```java
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
	public static void main (String[] args) throws
java.lang.Exception
	{
		//your code here
		Scanner s=new Scanner(System.in);
		long a=s.nextLong();
		 long b=s.nextLong();
		long lhs=a+b;
		  lhs= lhs*lhs*lhs;
		long rhs=a*a*a;
			rhs=rhs+b*b*b;
			rhs=rhs+a*a*b*3;
			rhs=rhs+a*b*b*3;
		System.out.println(lhs);
		 System.out.println(rhs);
		if(lhs==rhs)
		System.out.println("VERIFIED");
		else  System.out.println("NOT VERIFIED");
	}
}
```