

<https://course.acciojob.com/idle?question=f6631292-da99-4cd1-8515-a9da1e1545d6>

● EASY

● Max Score: 30 Points

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## Power Up

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You are given two numbers  $n$  and  $p$ . You need to find  $n$  raised to the power  $p$ .

### Input Format

The first line inputs  $n$  and  $p$ .

### Output Format

In new line, print the resultant of  $n^p$ .

### Example 1

Input

2 3

Output

8

### Example 2

Input

9 9

**\*Output**

387420489

## Constraints

$1 \leq n, p \leq 9$

### Topic Tags

- Basics

# My code

```
// n 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);
        int n=s.nextInt();
        int m=s.nextInt();
        long ans=1L;
```

```
    for(int i=0;i<m;i++)  
        ans*=n;  
    System.out.print(ans);  
    }  
}
```