

<https://course.acciojob.com/idle?question=fc6cafa0-f4ee-4bed-aefd-53f16d73fa07>

● EASY

● Max Score: 20 Points

Power of a number

Given a number x and power n . The task is to write a program to find the power of a number.

Complete the given function.

Input Format

First line contains two integer x , number and n , power.

Output Format

Print the value of N to the power P .

Example 1

Input

2 5

Output

32

Explanation

2 to the power of 5 is 32.

Example 2

Input

100 0

Output

1

Explanation

100 to the power 0 is 1.

Constraints

$0 \leq N \leq 10$

$0 \leq P \leq 8$

Topic Tags

- Math

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 p=s.nextInt();
    int ans=1;
    for(int i=0;i<p;i++)
        ans*=n;
    System.out.print(ans);
}
```