

<https://course.acciojob.com/idle?question=ef3e73b1-c420-4e69-9aee-f1f45a084abb>

● EASY

● Max Score: 30 Points

Number in its base

You are given a decimal number n .

You are given a base b .

Your task is convert the number n into its corresponding base b .

Input Format

The first line of input contains n .

The second line of input contains b .

Output Format

Return the number into its corresponding base.

Example 1

Input

57
2

Output

111001

Explanation

The decimal value of 57 in base 2 is 111001.

Example 2

Input

```
52
8
```

Output

```
64
```

Explanation

The value of 52 in base 8 is 64.

Constraints

$1 \leq n \leq 200$

$2 \leq b \leq 10$

Topic Tags

- **Math**

My code

```
// n java
import java.util.*;

public class Main{

    public static void main(String[] args) {
```

```
Scanner scn = new Scanner(System.in);
int n = scn.nextInt();
int b = scn.nextInt();
int dn = getValueInBase(n, b);
System.out.println(dn);
}
```

```
public static int getValueInBase(int n, int b){
// Your code here
    int f=1;//flag of multipl of 10;
    int ans=0;
    while(n>0)
        {   int r=n%b;
            ans=ans+r*f;
            f=f*10;
            n=n/b;

        }
    return ans;
}
}
```