"Last K Digits

Three positive integers A, B, and K are given.

Find the last K digits in AB.

It is guaranteed that AB will contain at least K integers.

Function Description

In the provided code snippet, implement the provided LastKdigits(...) method using the variables to print the last K digits in AB. You can write your code in the space below the phrase “WRITE YOUR LOGIC HERE”.

There will be multiple test cases running so the Input and Output should match exactly as provided.

Input format

The first line contains three positive integers A, B, and K.

Constraints

1 ≤ A ≤ 1000

1 <= B <= 10000

1 <= K <= 8

Sample Input

5 4 2 -- denotes the three positive integers A, B and K.

Output format

The output contains K space-separated integers i.e. last K digits in AB.

Sample Output

2 5

Explanation

AB= 5X5X5X5 = 625 and last 2 digits are 2 5.

Hence, the output is 2 5."