

### Problem

Given an integer  $N$  which has  $D$  digits. You have to delete exactly  $K$  digits in integer  $N$ .

Find out the largest possible number which can be built from  $N$  after removing exactly  $K$  digits.

#### Input Format:

- First line contains two space separated integers  $N$   $K$ .

#### Output Format:

Print the largest possible number which can be built from  $N$  after removing exactly  $K$  digits.

#### Constraints:

$$1 \leq N \leq 10^{18}$$

$$1 \leq K \leq 3$$

$$K \leq D$$

Sample Input	Sample Output
3412 1	412

Time Limit: 1

Memory Limit: 256

Source Limit: