

# finding maximum possible number

Given a number  $n$ , Find out what max possible number you can make by deleting exactly  $k$  digits.

$T$  : number of test cases  $\leq 10^3$ .

$1 \leq$  number of digits in  $n \leq 10^5$ . ( $n$  might contain leading zeros.)

$0 \leq k \leq n$

if value of  $n$  is equal to  $k$ . then just print a new line.

## Input

$T$ : number of test cases.

$T$  lines follow each with  $n$  and  $k$ .

## Output

max possible number.

## Example

**Input:**

2

1223 2

8756 2

**Output:**

23

87

## Explanation

Note that left to right order should be maintained. As in the example given answer is 23 not 32.