2806 - Keks

Description

Mirko and Slavko are bored at math class again so they came up with new game. Mirko writes down an N digit number, and Slavko's task is to obtain the largest possible number after having removed exactly K digits.
Help him do that!

Input specification

The first line of input contains integers N and K (1 <= K < N <= 500000).
The following line contains N digit number. This number starts with non-zero digit.

Output specification

The first and only line of output should contain the largest possible number Slavko can obtain by removing K digits from the given number.

Sample input

```
4 2
1924
```

Sample output

```
94
```

Hint(s)

Source	Autumn 2013 team contest 7
Added by	**jcfernandez**
Addition date	2014-04-02
Time limit (ms)	20000
Test limit (ms)	2000

Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	10000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text