



The largest number.



XBITS

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The problem:

Write a python script that take two numbers N and K where K is a lenght of n digits you must take from the number N, then generate all possible sub numbers token from N then find the maximum number between all of those numbers.

We are not asking you to print any numbers combination here, the key point is to find the maximum number of all combination number possible from a sub numbers of N taking K digits from it. Keep in mind that k is: $1 \leq k \leq 3$

The Example:

We take the number: 3412 as an example and $k=1$

The combination numbers by taking one digits from N each time is:

- 412 => taking 3
- 341 => taking 2
- 312 => taking 4
- 342 => taking 1

Where the maximum number of all of these is 412.

Thanks and best wishes,

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Ethical hacker and future security
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