Largest Number Possible After At Most K Swaps

1. You are given a string which represents digits of a number.
2. You have to create the maximum number by performing at-most k swap operations on its digits.
Note -> Check out the question video and write the recursive code as it is intended without changing signature. The judge can't force you but intends you to teach a concept.

Input Format

A string S and a number K

Output Format

A number

Constraints

1 <= length of S <= 30
1 <= K <= 10

Sample Input

1234567
4

Sample Output

7654321

```
import sys


def KswapsNumber(string, k):
    ans = [0]
    helper(string, ans, k)
    return ans[0]


def helper(string, ans, k):
    if int(string) > int(ans[0]):
        ans[0] = string
```

```
    if k == 0:
        return
    for i in range(0, len(string) - 1):
        for j in range(i + 1, len(string)):
            if int(string[j]) > int(string[i]):
                temp = list(string)
                temp[i], temp[j] = temp[j], temp[i]
                temp = ''.join(temp)
                helper(temp, ans, k - 1)


print(KswapsNumber('1234', 1))
```