Words - K Length Words - 1

1. You are given a word (may have one character repeat more than once).
2. You are given an integer k.
3. You are required to generate and print all k length words (of distinct chars) by using chars of the word.
Note -> Use the code snippet and follow the algorithm discussed in question video. The judge can't force you but the intention is to teach a concept. Play in spirit of the question.

aabbbccdde
2
['ab', 'ad', 'ac', 'ae', 'ba', 'da', 'ca', 'ea', 'bd', 'bc', 'be', 'db', 'cb', 'eb', 'dc', 'de', 'cd', 'ed', 'ce', 'ec']

```
def wordsKLengthI(s,k):
    s = ''.join(list(set(s)))
    n = len(s)
    ans = []
    spots = [None]*k
    helper(s,k,ans,0,spots,'')
    return ans

def helper(s,k,ans,idx,spots,ssf):
    if idx==len(s):
        if len(ssf)==k:
            ans.append(''.join(spots))
        return
    char = s[idx]
    for i in range(len(spots)):
        if spots[i]==None:
            spots[i]=char
            helper(s,k,ans,idx+1,spots,ssf+char)
            spots[i]=None
    helper(s,k,ans,idx+1,spots,ssf)

print(wordsKLengthI('aabbbccdde',2))
```