STRING LIST

CHALLENGE DESCRIPTION:

Credits: Challenge contributed by Max Demian.

You are given a number N and a string S. Print all of the possible ways to write a string of length N from the characters in string S, comma delimited in alphabetical order.

INPUT SAMPLE:

The first argument will be the path to the input filename containing the test data. Each line in this file is a separate test case. Each line is in the format: N,S i.e. a positive integer, followed by a string (comma separated). E.g.

```
1,aa
2,ab
3,pop
```

OUTPUT SAMPLE:

Print all of the possible ways to write a string of length N from the characters in string S comma delimited in alphabetical order, with no duplicates. E.g.

```
a
aa,ab,ba,bb
ooo,oop,opo,opp,poo,pop,ppo,ppp
```