

Decodestorywithmik

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OTRINGS





My Dad is not well. will not be active over comments today.



They this channel to see Life Behind The Scenes ... Tech News

Motivation Of the Day:

Successful people are not gifted; they just work hard, then succeed



on purpose.

Instead of Decaming of it, work for it...

3403. Find the Lexicographically Largest String From the **#** Box I

Medium ♥ Topics 🖰 Companies 🔮 Hint

You are given a string word, and an integer numFriends.

Alice is organizing a game for her numFriends friends. There are multiple rounds in the game, where in each round:

- word is split into numFriends non-empty strings, such that no previous round has had the exact same split.
- All the split words are put into a box.

Find the lexicographically largest string from the box after all the rounds are finished.

b Ca



lexicographically largest -> which appears later in the dictionary.

"e hear" \ " "

word =
$$^{99} db ca^{99}$$
, numFriends = 2

look for largest character. -> 'd'

Friend

d

db

dbc

Friend 2

bca

Ca

"db ca"

FXII

,db,

Fr2

Fr3

C

numFriends
(numFriends -1)

- word.length() - (numFx -1);

"
$$a b c e d$$
"

Fr = 3

Fr = 3

Point Pr =

 $O \longrightarrow i\partial_{x} = 3$

longest Passible =
$$\Omega - (\text{num} \text{Fx} - 1)$$
;

take panishe kugsh = $\min(\text{longest flavible}, n-i)$;

Substring (i, take panishe kugsh);

"eab ("
"abce"
"bred"
"ced"
"ed" * E

$$= 6 - (3-1)$$

$$= 4$$

$$\Rightarrow e$$

$$\Rightarrow 0, 4$$

$$\Rightarrow abc < ed$$

longer+possible = n- (Fr-1)

Imgest Possible = n - (numFr - i);

for (i = 0; i < n; i + +) of $\rightarrow o(n)$ cantake length = min(Imgest Possible, n - i);

Yesult = max (xesult, world substr (i, contake length),

y

$$T \cdot c = o(n^2)$$

$$s \cdot c = o(i)$$

$$O(h) = 0$$





