Hi Miss.Ra Jung

For the first, I am going to apology because of calling you Mr. (Bro).

And thanks for showing me your patient to ignorant Boy.

I am sure you were something like that when I doing something dummy.

 

And below I am writing the opinion and progress of this project.

First Explaining about the code

It divided three step

- First read file (5000.txt) the whole file and make the array for [‘ ‘, ‘a’,’b’, …….. ‘z’]

total\_Str = getStringFromFile()

str\_arr = getArrayFromFile(total\_Str)

- And Second with those prepared total\_Str and pattern I am going to searching.

Logic is simple:

1. Looping the index array of [‘ ‘] : In my code it’s the (str\_arr[0][i])
2. Before start finding the first pattern character index array. I compare the pattern length and the sub of current space index and next one (explained via skype)

The code is

if i != space\_cnt - 1 and str\_arr[0][i + 1] - str\_arr[0][i] != pat\_len + 1:

continue

1. Do the logic that you explained on requirement.

Seeking the index in str array while it’s in here.

If it keeps the last then matched.

Code is below

while temp in str\_arr[pat\_arr[pat\_index]] :

temp += 1

pat\_index += 1

if pat\_len == pat\_index :

index\_arr.append(str\_arr[0][i] + 1)

Break

- Here is my opinion

Throughout the developing, and testing, as you can see, the pattern new search is not remarkable fast.

Most of time wasted to making the index\_array for each of character. So it takes o(n)

It’s the main reason why it takes little bit longer.

Thanks. Ignorant Mean.