

NAJPF - Pattern Find

#kmp-algorithm (/problems/tag/kmp-algorithm)

Your task is so simple given a string and a pattern. You find the pattern on the given string. If found print how many time found the pattern and their index. Otherwise print 'Not Found'

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Input:

The input line consists of a number T ($1 \leq T \leq 50$) test cases.

For each case given two string number A,B. the string and the pattern $1 \leq |A|, |B| \leq 10^6$

All character will be lower case Latin character. And $| |$ is the length of string.

Output:

For each case print the number (found pattern from the given string) next line there position And Otherwise print 'Not Found' without quota.

There will a blank line between two cases.

Sample:

Input	Output
3	3
ababab ab	1 3 5
aaaaa bbb	Not Found
aafafaasf aaf	1
	1

Added by:

Najmuzzaman (/users/najmuzzaman)

Date:

2014-10-23

Time limit:

1s

Source limit:

50000B

Memory limit:

1536MB

Cluster:

Cube (Intel G860) (/clusters/)

Languages:

All except: ASM64 GOSU

Hints:

Here all index is 1 base. (https://www.facebook.com/groups/bengaliprogramming/)

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- 

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AC with z function
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AC only with hashing
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emmm RE whyyy
- 

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submitted using Rabin Karp AC in 1 go