

Explanation - Rotation of string

Abcdef

cdefab

Subsequence -

Abcdefghij

Cgh

Afi

{}	1	nC0
A b c	n	nC1
Ab ac ad ae ,,... bc bd be bj..	--	nC2
Abc,		
....		
Abcdefghij	1	nCn
	total	2^n

Substring

Abcdefghij

Cfg not a substring

Cde

Abc

Abcdef

A b c d e f	n
Ab bc cd de ef	n-1
Abc bcd cde def	n-2

Abcdefghi	bcdefghij	2
Abcdefghij		1
	Total =	$n(n+1)/2$

Permutations

Abcdabcd

Aabbccdd

Aabbccddc

Aabbcdcd

Find next permutation of this number
124631

Anagrams of string
