Number of subsequences of the form a'i b'i c'k Given a string, count number of subsequences of the form aibick, i.e., it consists of i 'a' characters, followed by i 'b' characters, followed by k 'c' characters where i >= 1, i >= 1 and k >= 1. Note: Two subsequences are considered different if the set of array indexes picked for the 2 subsequences are different. String: (a beade abeade 996 Expected Time Complexity: O(n) (suppose use answer answer 9160 1, 11

1 а aCount'

> isme bs a^i form ke string hai.

> every 'a' charcater aCount mai sirf 'a' pe khatam hone wale subsequnce store krega.

bCount > isme bs a^ib^j form ke string hai.

> every 'b' charcater **bCount** mai sirf 'b' pe khatam hone wale subseaunce store krega.

cCount

> isme bs a^ib^ic^k form ke string hai.

> every 'c' charcater cCount mai sirf 'c' pe khatam hone wale subsequnce store krega.

option's Molled

> agar 'c' nahi ana chhata hai to vo ese answer store kryavega jisme pattern a^ib^jc^k pe khatam ho. jo 'c' pe khatam ho.

agar c aana chhata hai to bhi vo a^ib^jc^k wale pattern ka count store krvavega. io 'c' pe khatam ho

((cour) + (cours + (cours))

abhi tak ka a^ib^ic^k ese hi ajyega.

abhi tak ke (a^ib^jc^k) ke peeche ek 'c' or add hoga and ye pattern bnjyega a^ib^jc^(k+1)

abhi tak ke a^ib^j ke sath 'c' laag ke ek a^ib^ic^1 wale pattern generate krega.

same for b -> a^ib^j ye pattern chahiye. (bcount + (bcount + acount)) - (exclude + include) same for a -> a^i ve pattern chahiye. (acount + (acount + emptyString)) (exclude + include)