

# Min Insertion to make String Palindromic

S = abca a

How to approach the problem?

→ keep the palindrome portion intact

a b c a a → Longest palindromic portion: a    a a

a    bc    a a

a    bc    a    cb    a } Palindrome

Andrew  
a b c c a

a b a c a b a

No. of iterations:

n - longest palindromic subsequence

As we are  
keeping the palindromic  
subsequence ~~con~~ intact  
and moving non ~~p~~ palindromic  
subsequence.

So,

$n$  - longest Palindromic subsequence.