

## QUESTION #17

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### PALINDROMIC PARTITIONS OF A STRING

Find all the possible palindromic partitions of a given string.

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RECURSION IN  
ARRAY

# Solution

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## METHOD :- RECURSION

Find the palindromic substring of the string, add it to the output and recursively traverse for the remaining part of the string to find other possible palindromic substrings and hence partitions.

1. If ( begin == end ),  
    print the current output string.
2. else for i=begin to end :  
    if ( substring of input string from begin to i is a palindrome ),  
        add substring from begin to i to the output string  
        recursively call for rest of the substring from i+1 to end.