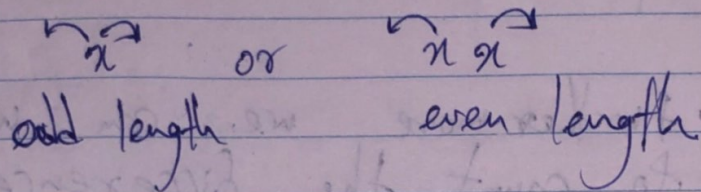
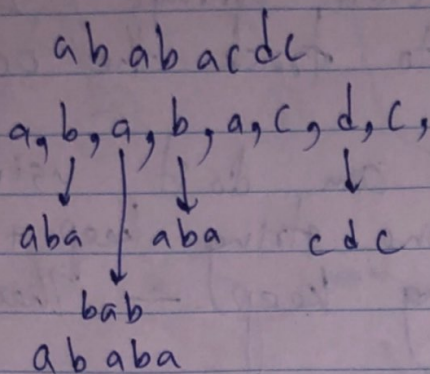
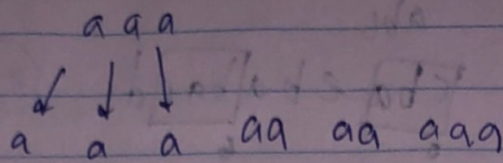
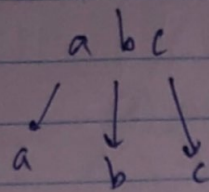
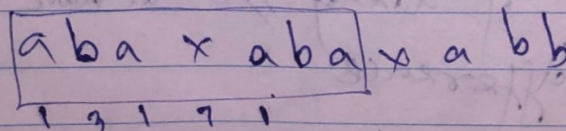
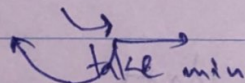
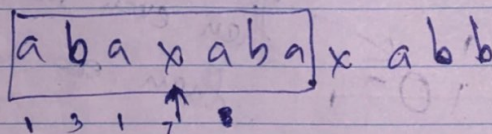


* Palindromic Substrings



~~Traverse~~
 Traverse while considering odd & even substrings.

• Manacher's algorithm



compare pairs till mismatching occurs, then update right boundary if needed

a b a x a b a x a b b

1 3 1 7 1 1

↑

a b a x a b a x a b b

1 3 1 7 1 1

↑

$O(n)$
 $O(n)$

a b a x a b a x a b b

1 3 1 7 1 1

↑

they can be ~~say~~ ~~can't~~ ~~without~~ exploring further

to consider even lengthed ~~sub~~ palindromic
substrings, add a char between each
pair. As a track add different 2 chars
at both ends

@ # a # b # a # x # a # b # a # x # a # b # b # \$