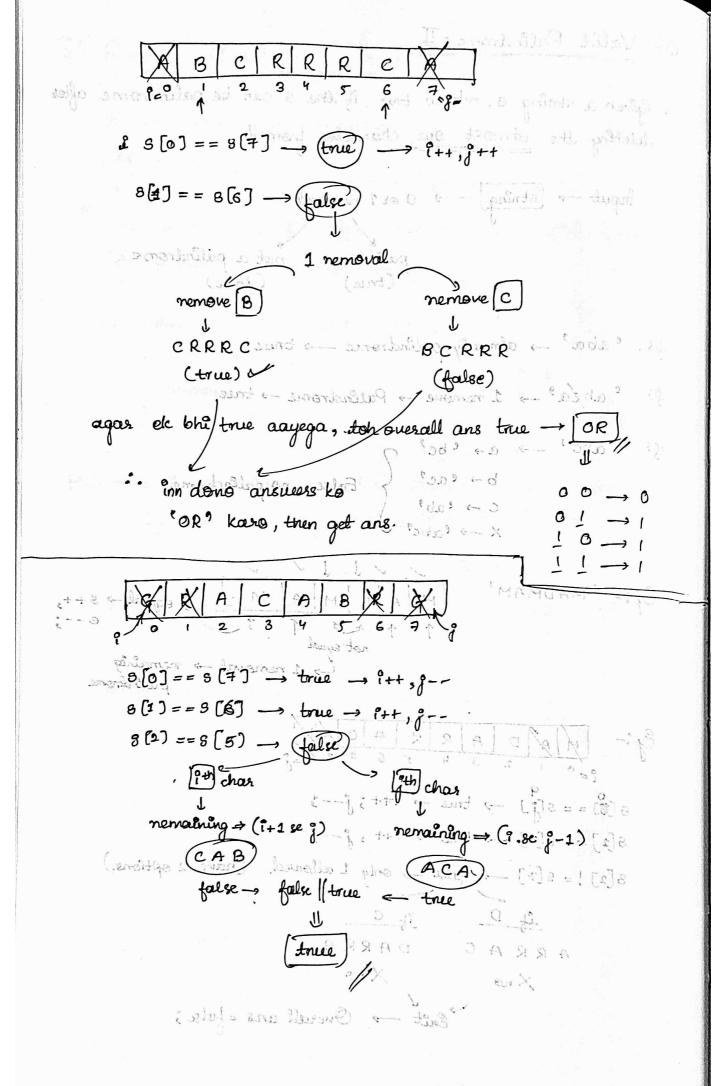
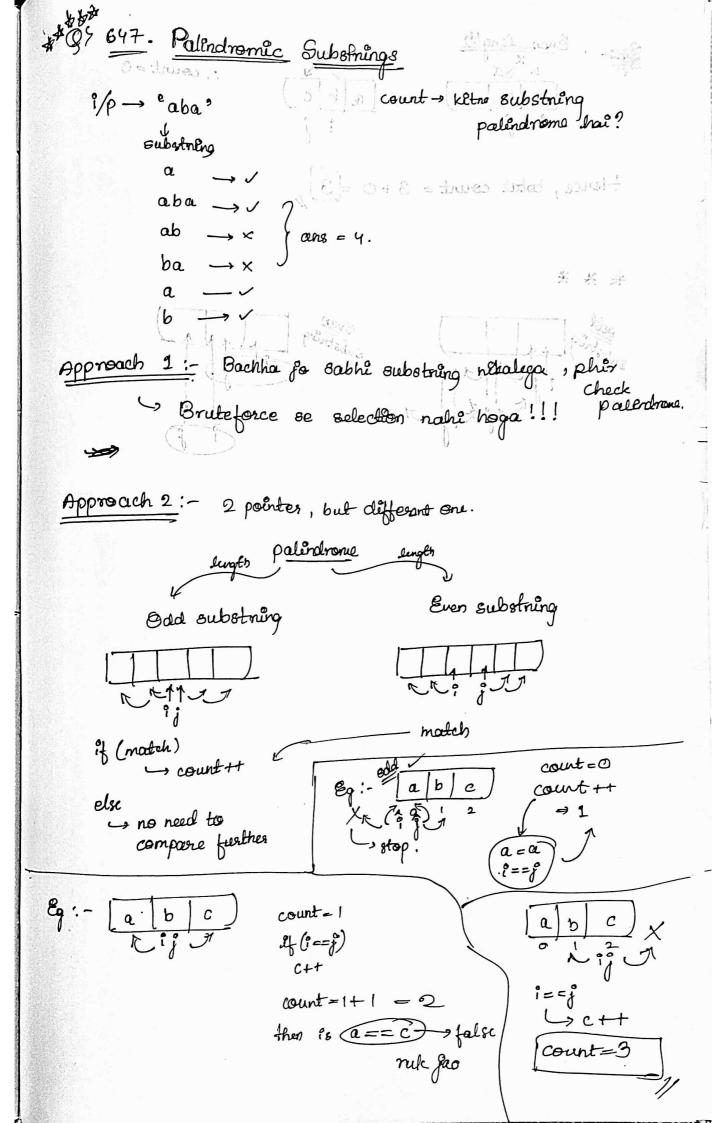
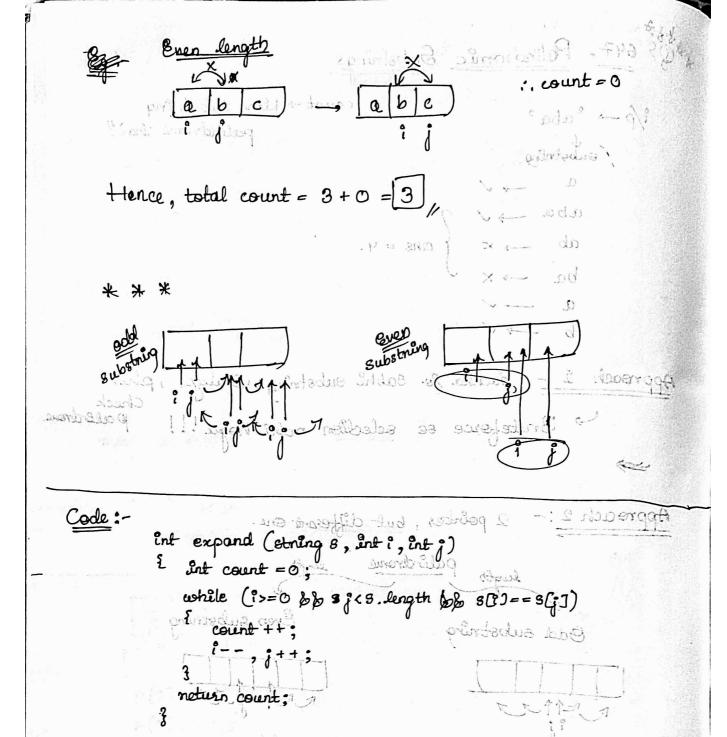


9> Remove all Occurance of a Substring.
str -> "abbeta deletabbbeae" part -> "cba" part -> "cba" part -> "cba" part -> "abbdd bbbaae" This can be called found use can use find function To memory
erase use ean use erase
: while (substring exist in badi string) Remove;
HW -> storing ke andar ek pattern findout karna hai, toh uske
lige kon kon se Algorithms onist karti hai? with TC.
* Functions to kneed se likho - 7Ad and erase
while (s. find (part)! = string: npos)
3. emase (8. find (part), part.length());
it = n chlose = 2 - 2 delperat = push y fa ? - suest y. Come = 2 page
30 - o(n) 30 - o(n) 70 - o(n)

184 Valid Palindrome -II Juner a string 8, return true, & the 3 can be palindrome after deletting the atmost one character from it. input -> [string] -> 0 or 1 removal - [8] a == [1] palindrome not a palindrome (true) (false) e aba? - already palindrone - true 3990 abla - 1 nemone - Palindrome - true agas et bistone rayoga, top surrall ans true -> 108 e abc 1 -> a > ebc' b - eac? { False, no palindrome? × -> cabe? Just got use (so) Eq: - "MADMAM" not equal is I removal -> remaining 8(8) == 3(9) -> true -> 1++; 1--3 3[1] == 8[8] = true 30(++, j--) = 1-1) = midoman 3[2]!= 3[7] -> false -> only 1 allowed. (have 2 options.) ARRAC DARRA Xno × no "Enit - Overall ans = false;







Int count Substrings (string 3)

int total Count = 0;

for (Int center = 0; Centre < 8. length (); centre ++)

int odd Ans = expand (8, centre, centre);

Int even Ans = expand (8, centre, centre+1);

int total Count = total Count + odd Ans + even Ans;

neturn total Count;

then is citien to plate



centre = 0 count = 0 expand (8,0,0); M A D A Mcount = 0 $S[P] = S[P] \longrightarrow (M) \Rightarrow [edunt = 1, Pro, p = 1]$

even Ans = expand (8,0,1); $0 = 8[n] \rightarrow X \rightarrow \text{[even count = 0]}$

centre o underfassor

Edd. And offer (8) 41 +0 = 1000 Ans = 1

centre = 1

end Ans = expand (3,1,1) —, add count =1 (A)even Ans (3,1,1) = (3,1,1

even Ans = expand (8,1,2)

total = 1+1 = total = 2

centre = 2

even Ans = expand (8,2,3)

3 (1) \$ 8 (2) -> even = 0.

centre = 3

centre = 3 add Ans edd Ans = expand (9, 8, 3) - edd Ans = 1. even Ans = expand (8,3,4) ___ 0 :. total = 5 + 1 = (6) even fins - expand (v, v, t); centre = 4 B[0] == S[p] -> X -> [even count =0 edd Ans = expand (8, 34,4) - odd Ans = 1 Edu Ans = expand (6,1,1) -> bold (sunt =1 (A) total = 6+1 -> (total = 7) s[()== s[p] → M + D. even Ara e expand (6,1,2) (tetal = 1+1 = (tetal = 5) tenso +3. ade は (できない なる) オライタ はなか (4) とグラム・各ので edit Ans = eapard (8,2,2) = t. addcount = & 1 (0) neo, let, jes a s[1) == s[1] -> eddosunt = 2 (ADA) rens, 200, 9=4 - s[1]== sff) - addoeni = 3 (HADAM) even Ans = expand (\$,0,3) - s(1) + (f) = cma = () = -[3= Luder] } - 3+(2) = intert ."