

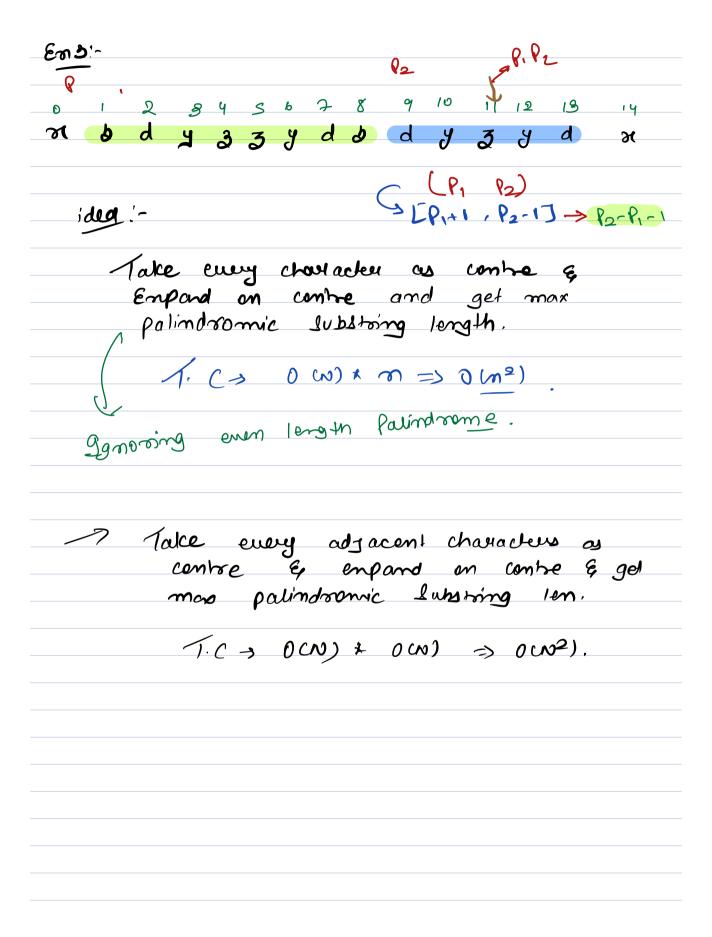
```
a chay [], Toggle every
             characters.
                             Note: - Input will contain
                                  only small and capital defeals.
     ch[] → Ama Conda
     Toggle
          chils aNAcONDA
1 Teggle (chay 127) & T.C=0(N), 1.C=0(1).
        int m= slength;
         for (1=0; 1×n; 1+1) }
                                      1517=1517 132
           if 4513> = 'A' & & ATIJK=12") &
                                          291
               111 = 111 + 92
                                       17:32 = LC17 A
             else &
                                             (1445)
               1617= 1117 - 92
        Jekun J
  6A) => 65
                             \sigma^1 \rightarrow 97
                            7 6 5 4 3 2 10
    76543210
                             0 1 1 0 0 0 0 1
    01000001
                             'b' -> 98
 6B' => 66
   010000
                              0 1 1 0 0 0 1 0
```

hiven a chose ches, which contains only 20) Jewercase alphabets, sout given chis. in alphabetical order, s.c. oci). Constaamy -Em! - S= dabacdb 14: M 4=105 S= aabbcdd 1) Wing mubuilt Sout T.C.s omign b.C3 0m). 2) use Bubble soul 1.C-> 0 (m2). idea 3: Counting all chow actus! l= dab a cdb -> int cnt[26] = fo3 (a) -(a) -(a) -(a) -(a)'a' -> 2 6b) → 2 b 3 CMFEIJ  $^{\prime}c^{2} \rightarrow ^{\prime}$ (d) -> 2 2 5 CM+ [25] 1= a a 2 b c dd abcda

	CUU CUU
- Sout String ( chow S[7) }	(0)-1q)→0
	16-101-19
int n= 1.length;	(c)-1a1→2
int c[267= 403.	
For (1=0; 1<0; 1+1) }	(
$id_{x} = \Delta [i] - (a)$	(.c > 0 cm)
C [idm] +1	J. C > 0 d).
3	
int k=0',	
For (1=0; 1 <26; 1++ ) &	
chay ch = 'a' +i	
fox (j=1; 1<= c(i)	1 54 7 3
	3 30 40
3	2 -> 0
3	
3 aaa b	
s= "dddeccbaaa"	
0 1 2 3 4 5	· - /
C= 3 1 3 3 1	
;   <u>z</u>	
0 (103 3	
1 40 1	
2 163 3	
S 1 to 3	
10	

July bing -		
	paut of a string	
1		
Ly full length		
hingle chous		
	$\mathcal{L}  o \mathcal{P}$	
Ques) check if give	in Substring is falindrome	
- ou not?	PEL	
chay chail: anamadom 1 pe		
NITIN	bool is falin (char ch[], int 1, inte)	
MADAM	while ( ste) &	
MALAYALAM	if lchtosi = chtes) t	
KANAK	Julium Jalse	
MAYAN	3	
	D= 841, e= e-1	
>2 <u>&gt;</u>	3	
welven True,		
3		
1.( > 0 (N)		
3.6300		
Break.		
10:03pm to 10:13pm		
(0.02)		

Ou <u>es</u> )	Civen a string, calculate the length
	g longest Palindromic Jubstring.
	0 1 2 <b>3</b> 4 <b>5</b>
En 1:-)	
	<u></u>
	Ons = 5.
	0 / 2 3 4
Ex 2:-	abcde -> Ans:
Jaeg	for every substring, check if
	palindrome ou not.
jw <sub>f</sub>	
	S.C → O(1)
	int ma silversity.
	int one = 0',
	for (1=0', 1 <m; &<="" 1+1)="" th=""></m;>
	fox (5=1;5×m;5+1) &
	Zevize prioduden
	3 ( (c,i,2) mills (2) + i
	ans = more (ans, J-i+1)
	3
	3
	sustin ans;
	Card Mail Cutto
1	3



```
int enpand (chouses, Int Pi, int Pa) &
      while ( P, >=0 && P2 < 9 & 3 [A] == 1 [P2] ) }
           P, -- , P211
    Julian P2-P1-17
int long Palin ( char SID) &
       int m: silength;
       int ans = 0/1',
         for (1=0; i<m', i+1) { -> odd cases.
                11 centre Stij,
                 Pi=i, Pa=i
                 ans: mas ( ans, enfand ( S. P., P2))
          3
          for (1=0; ixm-1; i++) & -> Even cases.
               11 contre StiJ, Sti+D
               P1=1, P2= 1+1
               and = mas (ans, lofand (1, P, P2))
        Jetun ans ;
                            1. cs 0 cm2).
```

