String: ?

"Msg"
User
String
emailId

"I Love u Anjali"

String

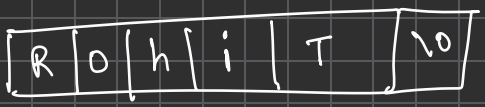
rohit@gmail.com

String

C++

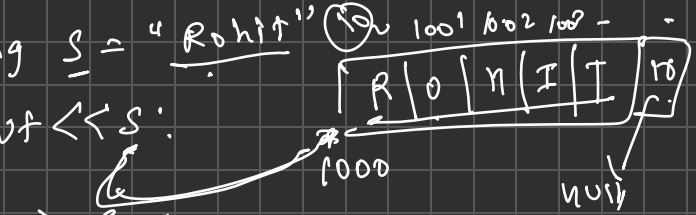
easily hum

Char c[6] = "Rohit"



Cout << c ⟶

String S = "Rohit";

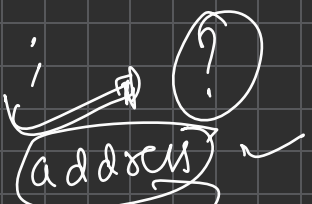


cout << S;

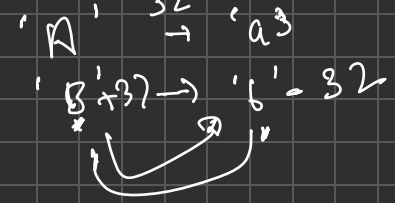
size ~~=~~ S

int arr[5] = {1, 2, 3, 4, 5};

cout << arr;




```
for(i=0; i<5; i++)
{
    cout<<arr[i];
}
```



String S = "RoHiT" → rohit

('C')

For(i=0; i<S.size(); i++)
{
if(S[i]>='A' && S[i]<='Z')
{
S[i] =

'A'

S[i] = 'C'

'C' - 'A' + 'a'

2.

'a' > 'A' => True

97 65

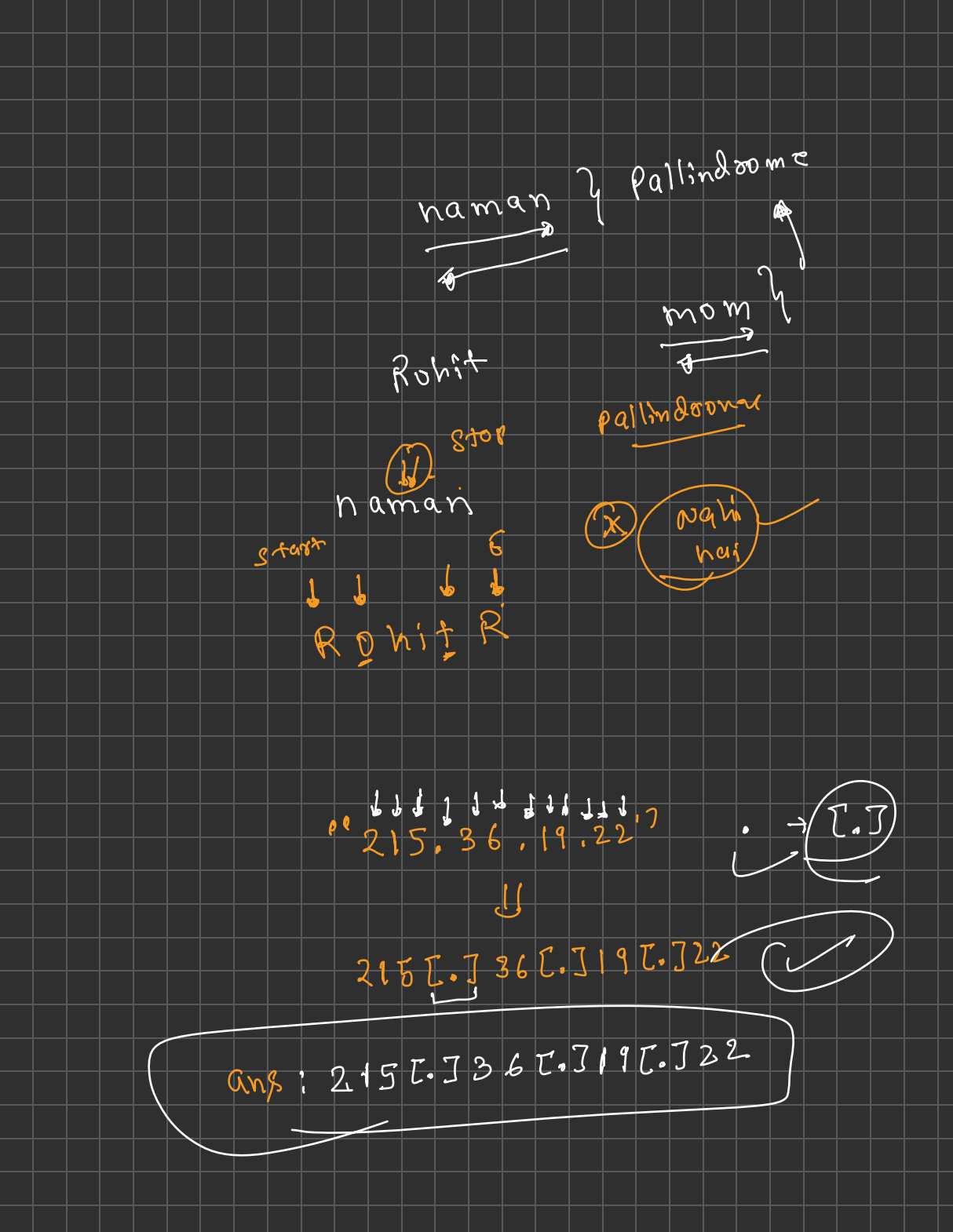
(4)

'C' - 'A' + 'a'

97

S[i] = 'c'

[0]


naman
Palindrome
mom
Rohit
stop
naman
start
Rohit R
palindrome
nahi hai
"215.36.19.22"
215[.]36[.]19[.]22
Ans : 215[.]36[.]19[.]22

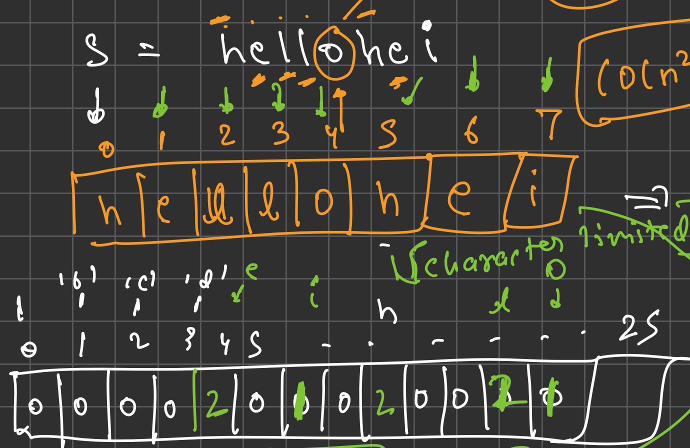
first non-repeating

4th index

char

s = hellohei

(O(n^2))



solve char

char limited (characters limited) => small n

O(1)

array count 26 counter

(1) Store the count of each char (O(n))

n -> 100, 1/26, 500

(2)

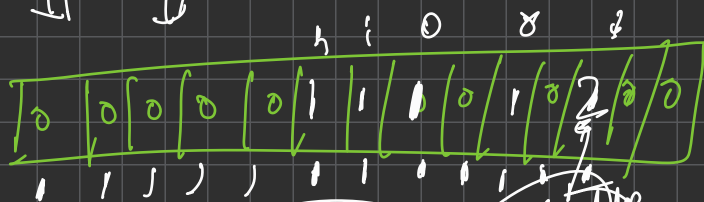
int arr[100kn] constant

S ⇒ "rohit" ⇒ sort

small char → Bubble sort, insert sor, selectio } O(n²)

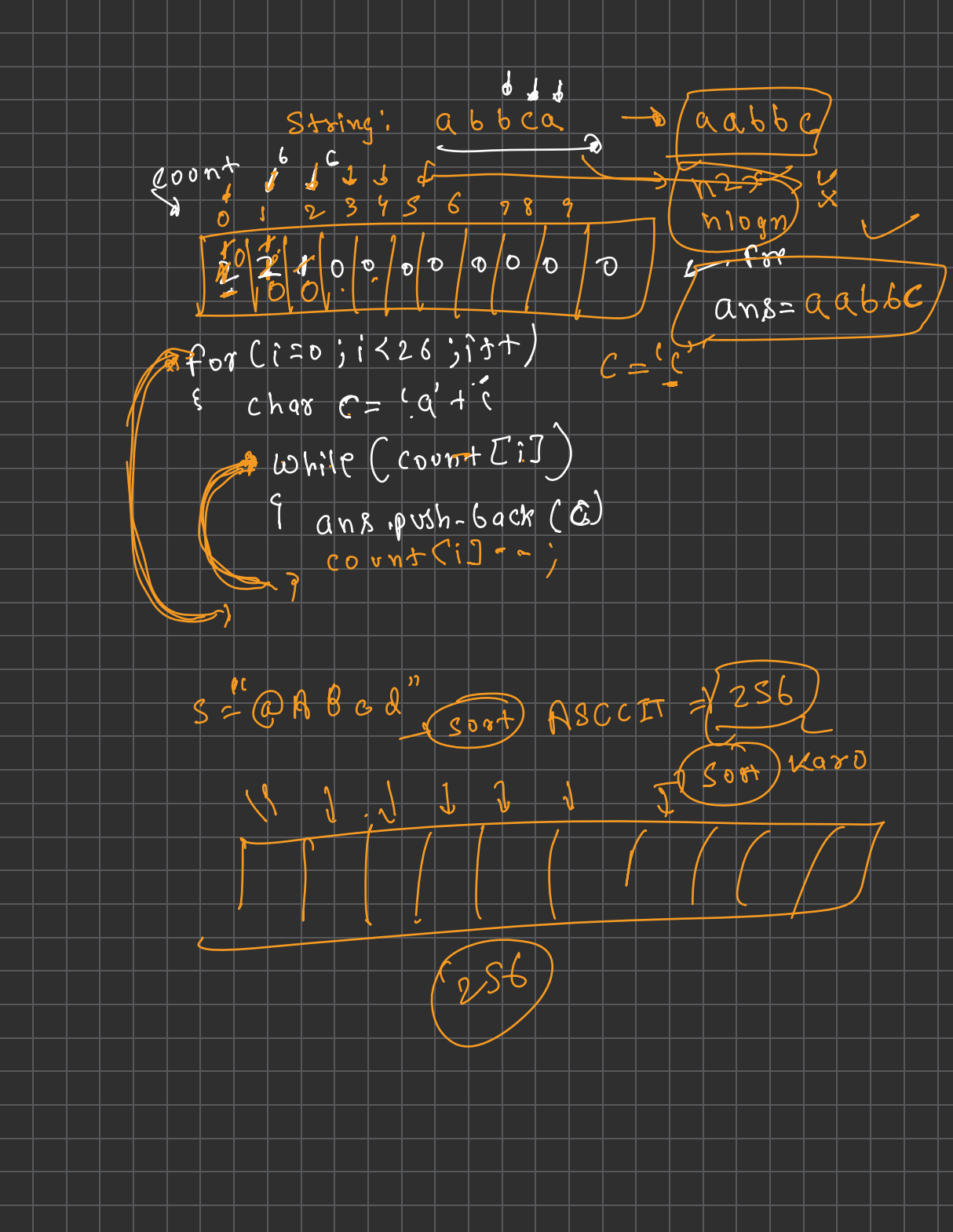
C4 Best approacb

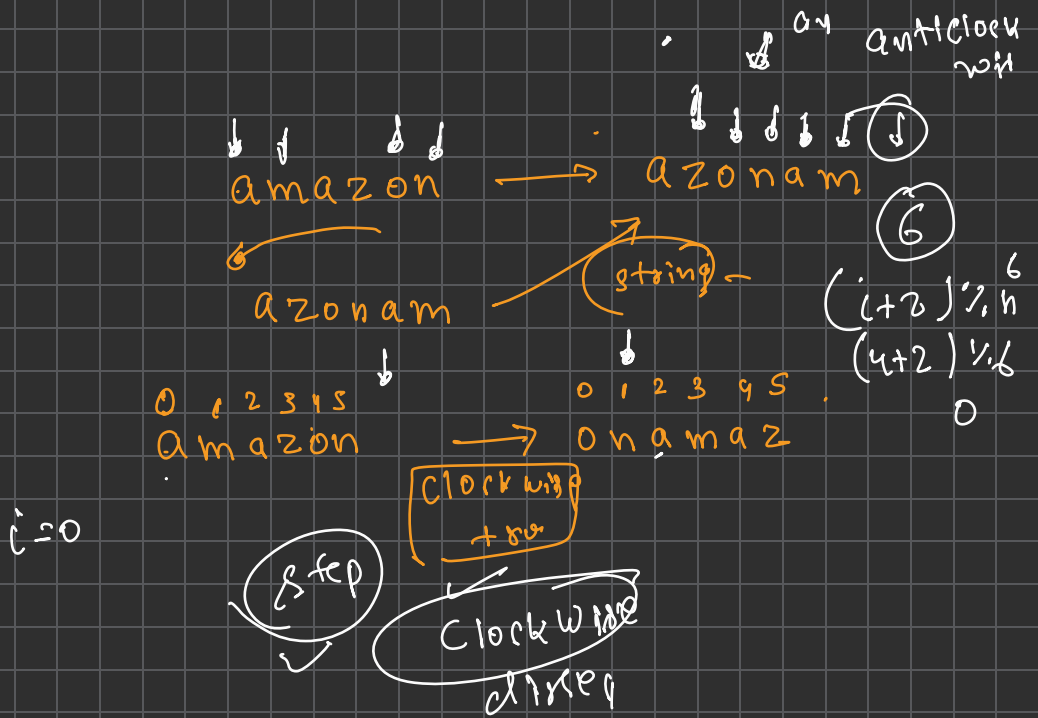
h i o r t



h i o r t

prob solu


String: a b b c a
aabbc
count
0 1 2 3 4 5 6 7 8 9
nlogn
ans = aabbc
for (i=0 ; i<26 ; i++)
{ char c = 'a' + i
while (count[i])
{ ans.push_back (c)
count[i]--;
c = 'c'
s = "@ABcd"
sort
ASCII
256
sort karo
256


amazon
azonam
azonam
string
0 1 2 3 4 5
amazon
0 1 2 3 4 5
onamaz
Clockwise
+ve
step
Clockwise
anticlockwise
(i+2) % n
(4+2) % 6
0
i=0