Int with Maximum Freq

$$\text{Ovot} = [5, 2, 5, 3, 5, 3, 0, 5, 2] \\
 \text{1} \text{1} \text{1} \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{1}
 \text{2}
 \text{3}
 \text{4}
 \text{3}
 \text{6}
 \text{7}
 \text{9}
 \text{(int)}$$

max Value =
$$-80 \times 24$$

 $index = -10 \times 25$

```
code
```

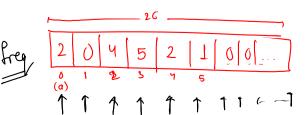
```
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
   int[] arr = new int[n];
   for (int i = 0; i < n; i++) {
       arr[i] = scn.nextInt();
                                                    T. (= )(n)
   System.out.println(findMaxInt(arr, n));
                                                    S_{\circ}(z) = (z)(z)
public static int findMaxInt(int[] arr, int n) {
   int[] freg = new int[10];
   for (int i = 0; i < n; i++) {
   int maxValue = Integer.MIN_VALUE;
   int index = -1;
   for (int i = 0; i < 10; i++) {
       if ( freq[i] > maxValue ) {
           maxValue = freq[i];
           index = i;
   return index;
```

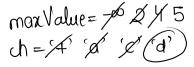
Maximum Freq Character

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    String str = scn.nextLine();
    System.out.println(findMaxChar(str));
public static char findMaxChar(String str) {
    int[] freq = new int[26];
   _for (int i = 0; i < str.length(); i++) {
        char ch = str.charAt(i);
        int idx = ch - 'a';
        freq[idx]++;
    int maxValue = Integer.MIN_VALUE;
    char ch = '+';
    for (int i = 0; i < 26; i++) {
        if ( freq[i] > maxValue ) {
            maxValue = freq[i];
            ch = (<u>char</u>)(i + 'a');
    return ch;
}
```

$$T. (=0(n)$$

 $S. (=0(1))$





Good String Checker

String str = "abcbac";

Atth 11

Freq =
$$2^3$$
 4 5

(int)

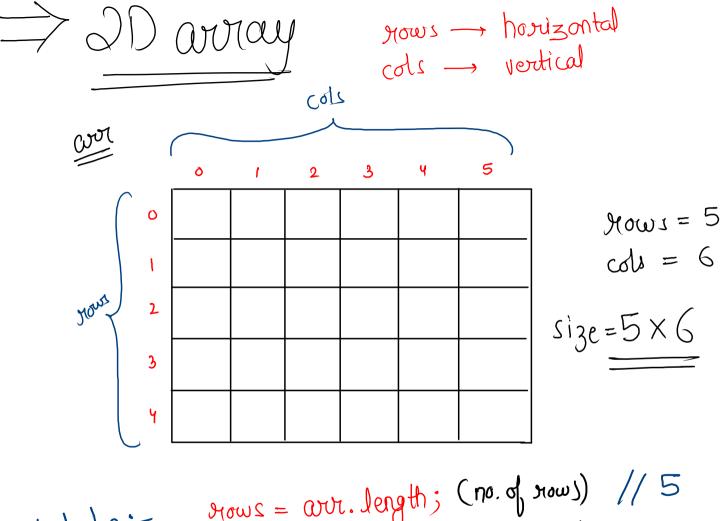
Val = Freq [idx];



```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    String str = scn.nextLine();
    System.out.println(goodStringChecker(str));
public static boolean goodStringChecker(String str) {
    int[] freq = new int[26];
    for (int i = 0; i < str.length(); i++) {
        char ch = str.charAt(i);
       int idx = ch - 'a';
freq[idx]++;
   -char ch = str.charAt(0);
   int idx = ch - 'a';
   int f = freq[idx];
    for (int i = 0; i < str.length(); i++) {
        char ch1 = str.charAt(i);
        int idx1 = ch1 - 'a';
      _if ( freq[idx1] != f ) {
            return false;
    return true;
```

$$T_{s}(=0(n))$$

 $S_{s}(=0(1))$



our addresses arr 0 2 2 3 3 4 (me ree) rows = arr. length; (no. of rows)

cots = arr[0]. length; (no. of cots)

-3 -10019 10 22 18 -25 25

dedore 2D array

int[][] our = new int[rows][cds.];

orows = our. length; (no. of nows)

cols = our[0]. length; (no. of ob)

how to access element

index = 2,3

int a = wor [2][3];

upgradation

OUT[3][2] = 20;

now index col. "index