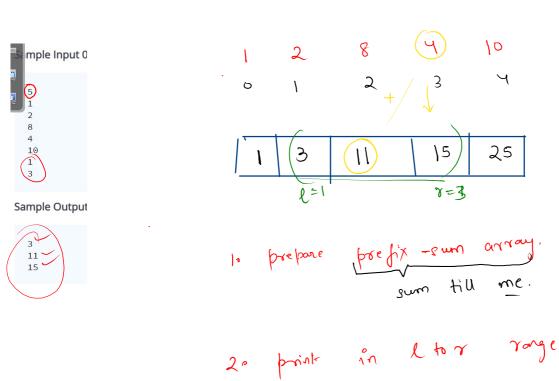
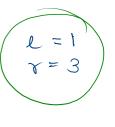
Levision. 2 pointers to Reach Target Count boats

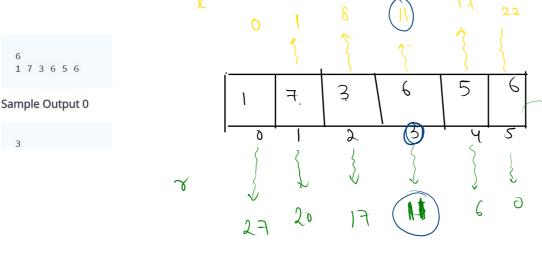
Print Prefix Sum between L and R

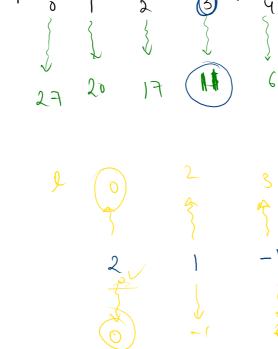




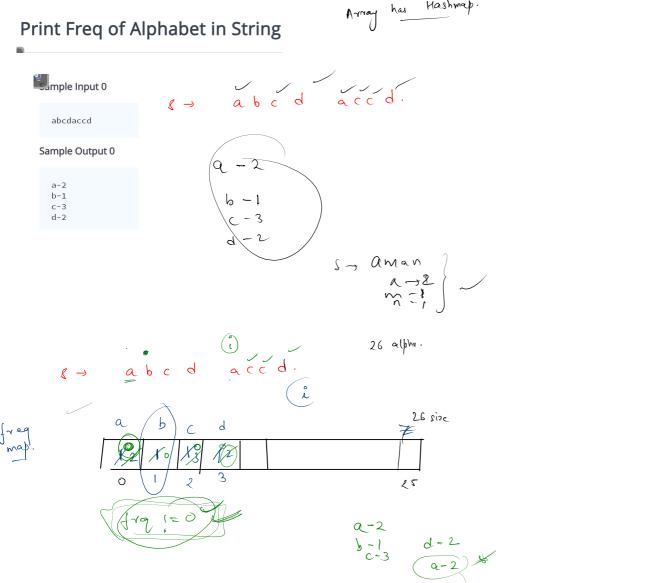
```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int [] A = new int[n];
                                                                   A
    for(int i = 0; i < n; i++){
        A[i] = scn.nextInt();
    int L = scn.nextInt();
    int R = scn.nextInt();
    //prepare prefix sum array
    int [] prefix = new int[n];
    prefix[0] = A[0];
    for(int i = 1; i < n; i++){
        prefix[i] = prefix[i-1] + A[i];
    //print in range
    while(L <= R){</pre>
        System.out.println(prefix[L]);
```

Find Pivot Index.





```
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
   int [] A = new int[n];
   for(int i = 0; i < n; i++){
       A[i] = scn.nextInt();
   int [] left = new int[n];
   left[0] = 0;
   for(int i = 1; i < n; i++){
       left[i] = left[i-1] + A[i-1];
   int [] right = new int[n];
   right[n-1] = 0;
   for(int i = n-2; i >= 0; i--){
       right[i] = right[i+1] + A[i+1];
   //compare
   int ans = -1;
   for(int i = 0; i < n; i++){
       if(left[i] == right[i]){
           break;
   System.out.println(ans);
```



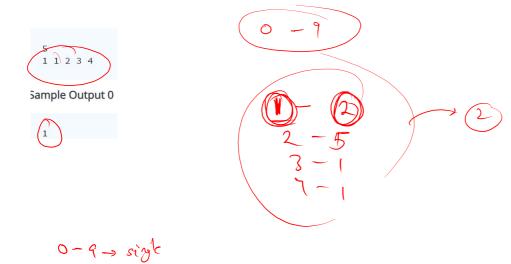
```
010
                                                                                                0
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
   String s = scn.next();
                                                                                 abcad
   //freq arr
   int n = s.length();
   int [] freq = new int[26];
   for(int i = 0; i < n; i++){
                                                                 q - 3
       char ch = s.charAt(i);
       freq[ch - 'a']++;
   }
   // print
    for(int i = 0; i < n; i++){
       char ch = s.charAt(i);
                                                                 9-0
        if(freg[ch-'a'] != 0){
            System.out.println(ch+ "-" + freq[ch-'a']);
            freq[ch-'a'] = 0;
```

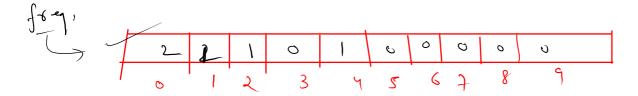
ccc

Ġ

Int with Maximum Freq

Mark is a data analyst who is trying to analyze the customer data of a retail company. One of the tasks he needs to perform is to find the most common digit in the customer IDs. The IDs are represented as an array of single-digit integers from 0-9. Mark needs to find the digit that occurs the most in the array in order to identify patterns in customer behavior.





```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int A [] = new int [n];
    for (int i = 0; i < n; i++){
        A[i] = scn.nextInt();
    //freq arr
    int [] freq = new int[10];
    for(int i = 0; i < n; i++){
        int ele = A[i];
        freq[ele]++;
    int maxFreq = Integer.MIN VALUE;
    int maxFreqVal = -1;
    for(int i = 0; i < 10; i++){
        if(freq[i] > maxFreq){
            maxFreq = freq[i];
            maxFreqVal = i;
    System.out.println(maxFreqVal);
```

Array as Hashmalo.

