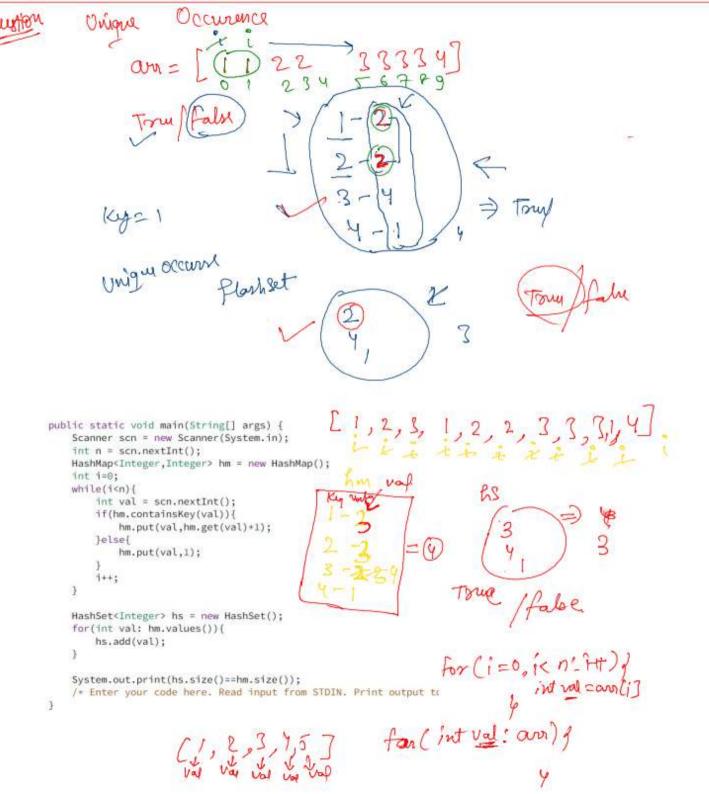


```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] arr = new int[n];
    int target = scn.nextInt();
    for(int i=0;i<n;i++){
        arr[i] = scn.nextInt();
    HashMap<Integer, Integer> hm = new HashMap();
    for(int i=0;i<n;i++){
        int val = target-arr[i];
        if(hm.containsKey(val)){
           System.out.print(hm.get(val)+" "+i);
            return;
        hm.put(arr[i],i);
    /* Enter your code here. Read input from STDIN. Print output to ST
```



```
String without repeating character

a b c d b b Sliding window method

it it i i

F fhs J

ans = Mathinau (ans, his size);
                                                                                                               ame 4
                                         when remove
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
                                                                                RS
    String str = scn.nextLine();
    int ans = getLongestSub(str);
    System.out.println(ans);
    /* Enter your code here. Read input-from STDIN. Print output to
public static int getLongestSub(String str){
    int maxLength=0;
    int left =0;
    int right =0;
    HashSet<Character> hs = new HashSet<>();
    char[] arr = str.toCharArray();
    while(right<arr.length){
        char ch = arr[right];
        if(!hs.contains(ch)){
        → hs.add(ch);¬
            right++; _
        }else{
            hs.remove(arr[left]);
            left++;
        maxLength = Math.max(maxLength, hs.size());
    return maxLength;
```

Longest Palindronnie Possible Stre "abccccdd" [cedadec] = 7 length aabbcdbccdbaaabc public static void main(String[] args) { Scanner scn = new Scanner(System.in); String str= scn.nextLine(); HashMap<Character, Integer> hm = new HashMap<>(); for(int i=0;i<str.length();i++){ char ch = str.charAt(i); if(hm.containsKey(ch)){ hm.put(ch, hm.get(ch)+1); }else{ hm.put(ch,1); int maxLength=0; boolean hasOdd=false; dcc bbaab aabbccd for(char key : (hm.keySet()){ if(hm.get(key)%2==0){ maxLength +=hm.get(key); }else{ maxLength +=(hm.get(key)-1) hasOdd=true; if(hasOdd){ < maxLength +=1; System.out.println(maxLength); /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your