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SET-2

Q1


```java
package demo1;


import java.util.Scanner;


public class T10 {


    public static void main(String[] args) {
            int[] arr= {1,1,2,2,2,5};
            System.out.println(arr[0]+ " ");
            for(int i=1;i<arr.length;i++) {
                    if(arr[i]!=arr[i-1]) {
                            System.out.println(arr[i]+" ");
                    }
            }
    }


}
```


Q2.


```java
package demo1;


import java.util.*;
```

```java
class non_negative {

    public static ArrayList<Integer> subarraySum(int[] arr, int target) {

        int n = arr.length;

        int start = 0;

        long sum = 0;


        for (int end = 0; end < n; end++) {

            sum += arr[end];


            while (sum > target && start <= end) {

                sum -= arr[start];

                start++;

            }


            if (sum == target) {

                ArrayList<Integer> ans = new ArrayList<>();

                ans.add(start + 1);

                ans.add(end + 1);

                return ans;

            }

        }


        ArrayList<Integer> ans = new ArrayList<>();

        ans.add(-1);

        return ans;

    }


    public static void main(String[] args) {

        int[] arr1 = {15, 2, 4, 8, 9, 5, 10, 23};

        System.out.println(subarraySum(arr1, 23));
```

```java
        int[] arr2 = {1, 10, 4, 0, 3, 5};

        System.out.println(subarraySum(arr2, 7));


        int[] arr3 = {1, 4};

        System.out.println(subarraySum(arr3, 0));
    }
}
```