Q-1

```
import java.util.Arrays;
import java.util.Scanner;

public class Question1 {

	public static void uniqueSorted(int arr[]) {
		Arrays.sort(arr);

		int len=arr.length;
		int prev=Integer.MIN_VALUE;

		for(int i=0;i<len;i++) {
			if(prev!=arr[i])
				System.out.print(arr[i]+" ");

			prev=arr[i];
		}

	}

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		Scanner sc=new Scanner(System.in);
		System.out.println("Enter the size of array");
		int size=sc.nextInt();
		int arr[]=new int[size];

		System.out.println("Enter elements in array");
		for(int i=0;i<size;i++)
			arr[i]=sc.nextInt();


		uniqueSorted(arr);

	}

}
```

Q-2

```
import java.util.Scanner;

public class Question2 {

	public static int maxSubArray(int arr[],int k) {
		int l=0,r=k-1;
		int sum=0;

		for(int i=l;i<=r;i++) {
			sum+=arr[i];
		}

		int maxsum=sum;

		for(int i=k;i<arr.length;i++) {
			sum=sum+arr[i]-arr[i-k];
			maxsum=Math.max(sum,maxsum);
```

```
            }

            return maxsum;
      }

      public static void main(String args[]) {
            Scanner sc=new Scanner(System.in);
            System.out.println("Enter the size of array");
            int size=sc.nextInt();
            int arr[]=new int[size];

            System.out.println("Enter elements in array");
            for(int i=0;i<size;i++)
                  arr[i]=sc.nextInt();

            System.out.println("Enter the value of window");
            int k=sc.nextInt();

            int maxsum=maxSubArray(arr,k);
            System.out.println(maxsum);
      }
}
```