

1st

```
package Day5;

import java.util.*;

public class UniqueSortedArr {

    public static void printUnique(int[] a)
    {
        int prev=Integer.MIN_VALUE;
        for(int i=0;i<a.length;i++)
        {
            if(prev!=a[i])
            {
                System.out.println(a[i]);
                prev=a[i];
            }
        }
    }

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the size of array ");
        int s=sc.nextInt();
        int[] arr= new int[s];
        System.out.println("now enter the value of arr");
        for(int i=0;i<s;i++)
    }
}
```

```
{  
    System.out.print("Enter the value for index "+i+" ");  
    arr[i]=sc.nextInt();  
}  
  
printUnique(arr);  
}  
}
```

2nd

package Day5;

import java.util.Scanner;

public class SubarraySum {

public static void maxSubarray(int[] a,int n,int k)

```
{  
    int max=0,sum=0;  
    for(int i=0;i<k;i++)  
        sum+=a[i];  
    max=sum;  
    for(int i=k;i<n;i++)  
    {  
        sum+=a[i]-a[i-k];  
        max=Math.max(max,sum);  
    }  
}
```

```
    }

    System.out.println(max);

}

public static void main(String[] args) {

    Scanner sc=new Scanner(System.in);

    System.out.println("Enter the size of array ");

    int s=sc.nextInt();

    int[] arr= new int[s];

    System.out.println("now enter the value of arr");

    for(int i=0;i<s;i++)

    {

        System.out.print("Enter the value for index "+i+" ");

        arr[i]=sc.nextInt();

    }

    System.out.println();

    System.out.println("Enter the size fo subarray ");

    int k=sc.nextInt();

    maxSubarray(arr,s,k);

}

}
```