

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);  
}  
}
```