

```
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n;
        System.out.println("Enter size of array");
        n=sc.nextInt();
        int[] arr=new int[n];
        System.out.println("Enter array elements");
        for(int i=0;i<n;i++){
            arr[i]=sc.nextInt();
        }

        int min=arr[0];
        for(int i=0;i<n;i++){

            if(min>arr[i]){
                min=arr[i];
            }
        }
        System.out.println("Smallest number "+"\\n"+min);

        int max=arr[0];
        for(int i=0;i<n;i++){
            if(max<arr[i]){
                max=arr[i];
            }
        }
        System.out.println("Largest number "+"\\n"+max);
    }
}
```