```java
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        System.out.println("Enter size of array:");
        int num=input.nextInt();
        int[] array=new int[num];
        System.out.println("Enter the elements");
        int i,small,large;
        for(i=0;i<num;i++)
        {
            array[i]=input.nextInt();
        }
        small=array[0];
        large=array[0];
        for(i=0;i<num;i++)
        {
            if(array[i]>large)
            {
                large=array[i];
            }
            else if(array[i]<small)
            {
                small=array[i];
            }
        }
        System.out.println("Smallest Number:"+small);
        System.out.println("Largest Number:"+large);
```