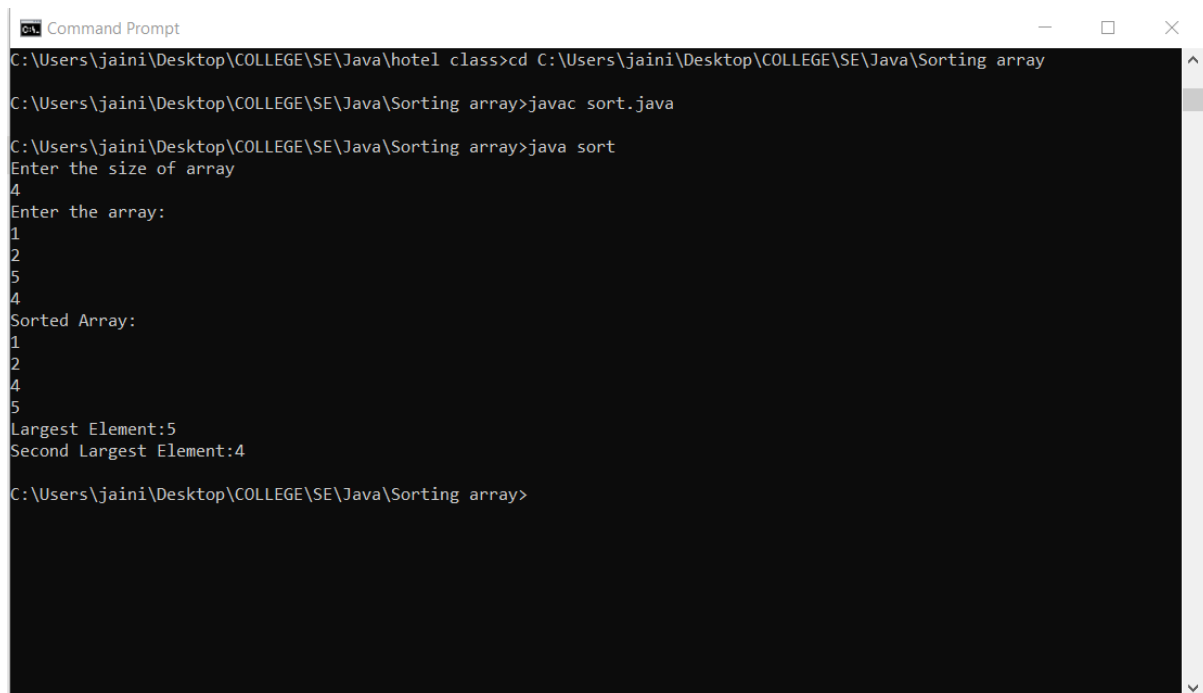


## 4&5.Sorting/Largest and second largest

```
import java.util.*;

class sort
{
    public static void main(String args[])
    {
        System.out.println("Enter the size of array");
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int[]a=new int[n];
        int i,j,t;
        System.out.println("Enter the array:");
        for(i=0;i<n;i++)
        {
            a[i]=sc.nextInt();
        }
        for(i=0;i<n-1;i++)
        {
            for(j=i+1;j<=n-1;j++)
            {
                if(a[i]>a[j])
                {
                    t=a[j];
                    a[j]=a[i];
                    a[i]=t;
                }
            }
        }
        System.out.println("Sorted Array:");
        for(i=0;i<n;i++)
```

```
        {  
            System.out.println(a[i]);  
        }  
        System.out.println("Largest Element:"+a[n-1]);  
        System.out.println("Second Largest Element:"+a[n-2]);  
  
    }  
}
```



```
Command Prompt  
C:\Users\jaini\Desktop\COLLEGE\SE\Java\hotel class>cd C:\Users\jaini\Desktop\COLLEGE\SE\Java\Sorting array  
C:\Users\jaini\Desktop\COLLEGE\SE\Java\Sorting array>javac sort.java  
C:\Users\jaini\Desktop\COLLEGE\SE\Java\Sorting array>java sort  
Enter the size of array  
4  
Enter the array:  
1  
2  
5  
4  
Sorted Array:  
1  
2  
4  
5  
Largest Element:5  
Second Largest Element:4  
C:\Users\jaini\Desktop\COLLEGE\SE\Java\Sorting array>
```