

SortArray.java :

```
1 import java.util.*;
2 public class SortArray{
3     public static void main(String[]args){
4         Scanner s = new Scanner(System.in);
5         System.out.println("Enter a element");
6         int size =s.nextInt();
7         int[]array1 =new int[size];
8         System.out.println("Enter"+size+"numbers:");
9         for (int i=0;i<size;i++){
10             array1[i]=s.nextInt();
11         }
12         Arrays.sort(array1);
13         System.out.println("Sorted array:");
14         for (int num:array1){
15             System.out.print(num+" ");
16         }
17     }
18 }
19 }
```

input

```
3
6
4
5
Sorted array:
4 5 6 7 8
```

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```
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2 public class SortArray {
3     public static void main(String[] args) {
4         Scanner s = new Scanner(System.in);
5         System.out.println("Enter number of elements:");
6         int size = s.nextInt();
7         int[] array1 = new int[size];
8         System.out.println("Enter " + size + " numbers:");
9         for (int i = 0; i < size; i++) {
10             array1[i] = s.nextInt();
11         }
12         System.out.println("Enter element to search:");
13         int search = s.nextInt();
14         for (int i = 0; i < array1.length; i++) {
15             if (array1[i] == search) {
16                 System.out.println("Element found at index: " + i);
17                 return;
18             }
19         }
20         System.out.println("Element not found.");
21     }
22 }
23
```

input

```
8
9
7
6
Enter element to search:
7
Element found at index: 2
```