```java
1 package Chapter05;
2
3 public class Exercise51 {
4
5     public static void main(String[] args) {
6         /*
7          * 다음 배열에서 최댓값과 최솟값을 구하시오.
8          * {38, 94, 16, 3, 76, 94, 82, 47, 59, 8}
9          */
10         int max = 0;
11         int min = Integer.MAX_VALUE;
12         int[] number = {38, 94, 16, 3, 76, 94, 82, 47, 59, 8};
13
14
15         for(int i=0;i<number.length;i++) {
16             if(number[i]>max) {
17                 max = number[i];
18             }
19             if(number[i]<min) {
20                 min = number[i];
21             }
22         }
23         System.out.println("최대값 : "+max);
24         System.out.println("최소값 : "+min);
25     }
26
27 }
28
```