

JAVA EXAMPLES - SEARCH MIN AND MAX

http://www.tutorialspoint.com/javaexamples/arrays_min_max.htm

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Problem Description:

How to search the minimum and the maximum element in an array ?

Solution:

This example shows how to search the minimum and maximum element in an array by using `Collection.max` and `Collection.min` methods of `Collection` class .

```
import java.util.Arrays;
import java.util.Collections;

public class Main {
    public static void main(String[] args) {
        Integer[] numbers = { 8, 2, 7, 1, 4, 9, 5};
        int min = (int) Collections.min(Arrays.asList(numbers));
        int max = (int) Collections.max(Arrays.asList(numbers));
        System.out.println("Min number: " + min);
        System.out.println("Max number: " + max);
    }
}
```

Result:

The above code sample will produce the following result.

```
Min number: 1
Max number: 9
```

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