Sort an Array

There are many array methods available, for example sort(), which sorts an array alphabetically or in an ascending order:

// Sort a string

import java.util.Arrays;

String[] names = {"John", "Mary", "Anderson", "Lucy"};
Arrays.sort(names);

```java
for (String name: names)
{
    System.out.println(name);
}
```

// Sort an int

import java.util.Arrays;

int[] numbers = {50, 10, 80, 90, 20, 70, 40, 30, 60};
Arrays.sort(numbers);

```java
for (int i: numbers)
{
    System.out.println(i);
}
```

Array Methods

Other useful array methods, such as min, max, and sum, can be found in the java.util.Arrays:

Example

import java.util.Arrays;

```java
public class Program
{
    public static void main(String[] args)
    {
```

```java
        int[] numbers = {50, 10, 80, 90, 20, 70, 40, 30, 60};
        int max = Arrays.stream(numbers).max().getAsInt(); // Directly find max number
        int min = Arrays.stream(numbers).min().getAsInt(); // Directly find max number
        int sum = Arrays.stream(numbers).sum();

        System.out.println("The maximal number is: " + max);    // returns the largest value
        System.out.println("The minimal number is: " + min);    // returns the smallest value
        System.out.println("The sum of elements is: " + sum);   // returns the sum of elements
    }
}
```