# ArrayUtils continued… Exercise 11

Add to your ArrayUtils java class developed from the previous exercise. Add the following methods.

1. Method with the name, indexOf, that returns the index within the array of characters given of the first occurrence of the specified character.

Method signature: public static int indexOf(char[] array, char searchChar)

For example, given the array:

array

|  |
| --- |
| h |
| e |
| l |
| l |
| o |

If the method is called with following code:

int index = indexOf(array, ‘l’);

The variable index will have the value 2 because the first occurrence of the character ‘l’ is at index 2.

2. Method with the name, lastIndexOf, that returns the index within the array of characters given of the LAST occurrence of the specified character.

Method signature: public static int lastIndexOf(char[] array, char searchChar)

For example, given the array:

array

|  |
| --- |
| h |
| e |
| l |
| l |
| o |

If the method is called with following code:

int index = lastIndexOf(array, ‘l’);

The variable index will have the value 3 because the last occurrence of the character ‘l’ is at index 3.