**Searching and sorting: Merge Sort**

To succeed at this challenge, you'll need to demonstrate that you can do the following:

* Modify existing mergeSort() function to implement a merge sort algorithm.

You will not need to make any edits to HTML or CSS for this project.

**Instructions**

Your goal for this checkpoint is to get the tests to pass.  
To do so, you will be modifying an existing mergeSort() function.

**Existing files**

| **file path** | **description** |
| --- | --- |
| src/main.js | Contains some example uses of the mergeSort() function. |
| src/mergeSort.js | Contains the definition of the mergeSort() function. |

**Tasks**

Complete the following tasks to pass the tests and this assignment.

1. In the src/mergeSort.js file, implement a merge sort algorithm that passes the tests.

Once these tasks are complete, all tests should pass.