JS sorting methods

**DEADLINE:** 19/10/2020

## FOLDER STRUCTURE

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| --- | --- |
| FL14\_HW10/\*  └─ homework/\*  └─ index.html\*  └─ js/\*    └─bubbleSort.js\*    └─selectionSort.js\*    └─insertionSort.js\*    └─heapSort.js\*  └─ .eslintrc.js | \* ­­­- required |

## TASK

You are given with realization of 4 common sorting methods. But the realisation does not work as intended. Your task is to fix all 4 sorting methods. Fix all bugs in already existed files.

## RESTRICTIONS

* Using any external libraries is forbidden
* Renaming variables or functions is forbidden

## BEFORE SUBMIT

* Remove all unnecessary files that you might have included by mistake
* Verify that all functionality is implemented according to requirements
* Make sure you code is well-formatted, and validated via validator (w3org Markup Validation Service)
* Add comments if the code is difficult to understand
* Fix warnings/errors in the browser console
* Verify that the name of the folders and files meet the requirements
* Make sure there are no errors/warnings in the browser console
* Run the linter and fix all warnings and errors.

**HOW TO**

Use linter :

* In order to use npm package manager you should install nodejs (https://nodejs.org/ )
* Install eslint to check your code (npm install -g eslint)

- open a terminal(or cmd)

- run eslint (i.e. eslint ./js)

Code should be without ‘errors’

## SUBMIT

* The folder should be uploaded to gitlab repository '**FL-14**' into **master** branch

## USEFUL LINKS

* <https://en.wikipedia.org/wiki/Bubble_sort>
* <https://en.wikipedia.org/wiki/Selection_sort>
* <https://en.wikipedia.org/wiki/Insertion_sort>
* <https://en.wikipedia.org/wiki/Heapsort>