

# JS sorting methods

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**DEADLINE:** 19/10/2020

## FOLDER STRUCTURE

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/Bubble_sort)
- [https://en.wikipedia.org/wiki/Selection\\_sort](https://en.wikipedia.org/wiki/Selection_sort)
- [https://en.wikipedia.org/wiki/Insertion\\_sort](https://en.wikipedia.org/wiki/Insertion_sort)
- <https://en.wikipedia.org/wiki/Heapsort>