

# Bouncy Bubble Sort Lab

Started: Mar 28 at 9:26am

## Quiz Instructions

---

### Question 1

0 pts

Please upload a completed copy of the [Assignment Contract \(https://sit.instructure.com/courses/23566/pages/assignment-slash-lab-submission-contract\)](https://sit.instructure.com/courses/23566/pages/assignment-slash-lab-submission-contract) as PDF.

Per course policy - Every student must individually submit a copy of the contract, even if only one group member submits the assignment for the entire team.

If you do not include a copy of the Assignment Contract, your work will not be graded. You will be required to resubmit and the new submission will be counted as submitted at the date and time you submit this agreement.

Upload

Choose a File

### Question 2

100 pts

In standard bubble sort, the algorithm makes multiple passes through the list, swapping items so that the smaller value comes first and the larger value comes second.

Implement a "bouncing" bubble sort. In this version of bubble sort, instead of making passes through a list that starts at the beginning and runs through to the end, you should reverse the direction of each pass. That is, if the first pass starts at the beginning of the list and runs through to the end, the second pass would run from the end of the list back to the beginning, and then the third pass would start at the beginning again.

Assume items in the list are of the type integer.

**Note: You must not submit your "node\_modules" folder if you are working on NodeJs/JavaScript. (Just submit your JavaScript source code and package.json**

**file)**

Upload

Choose a File

Quiz saved at 10:18am

Submit Quiz