**Testing: Assignment**

**Instructions**

To complete this Practice problem, you will need to build a function and write tests for that function. You should not spend more than 30 minutes on this exercise. Reach out for help if you need it!

**partitionStudentsByScore()**

Complete the function partitionStudentsByScore() in the src/solution.js file. This function takes an array of students and a specific score and returns an array of two arrays. Separate the students so that any student with a score *equal to or less than* the given score is in the first array and all other students are in the second array.

For example, take a look at the following code.

const students = [

{ name: "Leo Yeon-Joo", score: 8.9 },

{ name: "Morgan Sutton", score: 7.4 },

{ name: "Natalee Vargas", score: 9.2 },

];

partitionStudentsByScore(students, 8);

Running this code would result in the following output, because one student has a score less than 8 and the other students have scores higher than 8.

[

[{ name: "Morgan Sutton", score: 7.4 }],

[

{ name: "Leo Yeon-Joo", score: 8.9 },

{ name: "Natalee Vargas", score: 9.2 },

],

];

**Tests**

As you are building the function, write tests for your code in tests/solution.test.js. For example, you will want to *at least* cover the following cases.

* Students are correctly partitioned into their appropriate arrays.
* It is possible for all students to go into one of the arrays.
* If the student list is empty, return an array of two arrays (e.g. [[], []])

**Tips**

* You are expected to write at least 3 tests covering the cases described above.
* You may complete this challenge on your own machine before uploading it to Qualified.
* Reference the related checkpoint for help on completing this Practice problem.
* If you need help, contact your mentor or speak with your peers in Slack.