# Sprint 2 Test Driven Development – Price Sorting

## Our test

In the video, we are creating tests for (and writing the passing code) for the price sorting feature, in this case sorting from cheapest to most expensive. This allows users to find their cheapest option for a procedure, meaning that its functionality is essential for the website as it is important for the customer to be able to find their cheapest option of procedure & provider.

The test involves ensuring that the function obtains properly sorted data which matches the expected output data we generated using a manual SQL query. This is the final test before ensuring that it displays on the actual website, and one of the last before the acceptance test.

## Acceptance test

The acceptance test for this feature is ensuring that:

* the output displayed on the website matches the result from running the equivalent query manually using SQL,
* the output displayed on the website is properly formatted,
* the distances from the user’s location is correctly calculated, and
* all the relevant map markers are generated and displayed in the correct location

## Evidence of all tests

All the tests we created can be found in our GitHub repo at <https://github.com/JamesTiberiusKirk/team5agile/blob/master/Software_Code/backend/test/api.test.js>.

Evidence of all tests passing: