Scorecard

Exercise: Band pass filter
Reviewer: Joshua van Staden
No show?: No
Language: JavaScript

I use an agile process

*Rating: **Strong***

You began your information-gathering by first clarifying on the inputs and outputs of the system, which was a great first step to take. Following this, you methodically constructed an input-output table, clarifying various finer details and edge cases as you went. Your input-output table made reference to specific examples, resulting in acceptance criteria that is unambiguous and testable. This was well-handled!

I can model anything

*Rating: **Strong***

You constructed a method to present to the user. This is the simplest interaction possible with the system, and encapsulates all necessary functionality.

Your method name was in camelCase, thereby following the Javascript conventions. In addition, you chose a name that sounded like a command. As a result, you constructed a solution that is as user-friendly as possible.

I can TDD anything

*Rating: **Strong***

You rapidly and efficiently set up your test file.

You maintained a behavioural approach to testing. This ensures that you were focusing on writing code that matches the gathered acceptance criteria.

You maintained a simple test progression throughout the review.

I can program fluently

*Rating: **Strong***

You had no issues in navigating the Javascript syntax. You had a good knowledge of everything necessary to complete the task.

I can refactor anything

*Rating: **Strong***

You identified the appropriate times for a Refactor step in your cycle. Each Refactor was informed by previous Green steps, which is exactly how these steps should be.

You chose a great opportunity to abstract functionality out into its own method - this aids in building up complex functionality based on simpler functionality.

I can debug anything
*Rating: **Strong***
You habitually read error messages, and knew enough to ensure that bugs never became an issue in your code.

I write code that is easy to change
*Rating: **Strong***
You kept a consistent use of Git commits to store working versions of your code base.

Your tests didn't impose any structure on the algorithm, meaning that changes to code didn't warrant changes in tests.

You wisely chose good variable names to reflect the information that they hold.

I have a methodological approach to problem solving
*Rating: **Strong***
You very closely stuck to the RGR cycle. Your Green steps were as simple as possible, and each Refactor step was well-placed and well-handled.

Your tests logically prioritized simple behaviour over complex. You also focused on core functionality before eventually moving to edge cases.

I can justify the way I work
*Rating: **Strong***
You sounded out your logic and process so that it was easy to follow you during this review. You made frequent reference to the theory informing your process, ensuring that you are sticking to the rules of TDD. In addition, it made understanding your justifications much easier!

General feedback
This was a fantastic review! You made a lot of refinements to ensure that you are writing high-quality code that is closely suited to the client's needs.

There are a small few nitpicks that were mentioned, but otherwise your process is perfect!

Great work on this review! I look forward to seeing you progress through future reviews!