



Developer Technical Challenge

The objective of this code challenge is to show capability to follow TDD practices to solve simple algorithmic code challenges to show your proficiency in problem solving and code practices in your chosen language.

★ *All code samples submitted will be checked for plagiarism or online copy/duplication, any non-unique submissions will be subject to further questioning and may be outright rejected*

The solution should satisfy the following requirements.

Requirements

- Choose 2 problems from the Top 100 items at <https://projecteuler.net/archives>
- For each Problem - Chose a programming language from the following list
 - Javascript/Typescript (testing with [Mocha/Chai](#)),
 - Golang(testing with go [test](#)),
 - Rust (testing with cargo [tests](#)), or
 - Python(testing with [robot/pytest](#))
- With your chosen language and testing framework, create a suite of unit tests that satisfies the problem.
- Write a code sample that passes all unit tests
- Publish your work for both problems to a public repository on Github/Gitlab/Bitbucket, and
- Provide a link to your solution and public repository as part of your application information on the breezy website.

Well structured and understandable code is the main goal of this exercise, so prioritise that over completeness. Follow-up interviews will focus on your approach, any decisions you had to make for finding a solution, and why you chose one option over the other.