# Assignment 2: Code Exercise

We want to simulate day-to-day activities while on the job. So let’s create some tests!!!

## Create a Jest Testing Suite

Using a mock server for different Github APIs around the user object

In the test suite, **build assumption tests** **on these users, their data, and their plan that they're on**.

Build out green, error, and edge-case tests.

### Acceptance Criteria

1. The code is delivered via GitHub.
2. There’s documentation on how to run the testing suite and get needed API keys.
3. The testing suite can be run locally.
4. All tests pass.

Due Date: EOD (add 1 week from date sent), Friday 6/2!

**Readme**

The code was developed on WebStorm IDE, with NodeJS, Jest, babel, octokit, express, supertest

1. Download or clone code from GitHub:  
   <https://github.com/gabrielagarayzavalia/gz_assigments>

With Github CLI use the following command:

gh repo clone gabrielagarayzavalia/gz\_assigments

1. To run the test suite, open a terminal on WebStorm IDE and change directory to: gz\_code   
   cd gz\_code
2. Then install the dependencies using the command:   
   npm install
3. After the dependencies are installed, use the following command to run the tests:

npm test

1. All the tests run locally because the users API is mocked, and no API keys need to be set (the test suite could be modified by adding authentication in the mock app).

**Note**:

At folder gz\_answers\assignment01\_Questions, you’ll find the word document called Assignment 1 - Questions.docx, that includes the answers for the questions on the first assignment.

At folder gz\_code, you can find the word document called “Assignment 02-finall report”. At the end of the document are the conclusion result of this exercise.

## Conclusions:

Regarding the Acceptance Criteria:

1. The code is delivered via GitHub.   
   The code can be found at :

https://github.com/gabrielagarayzavalia/gz\_assigments

1. There’s documentation on how to run the testing suite and get needed API keys.   
   The documentation on how to run the test suite is in the README file   
   And API keys weren’t added or used.
2. The testing suite can be run locally.  
   The test suite can run locally, the mockserver app is in the gz\_code/api folder (app.js)
3. All tests pass.

Though some tests are not failing, that is an error because I couldn’t set up completely the mockserver with users and other test are just declare for farther development.

I had to research and decided which dependencies to use. I started with octokit, then I finally decided to go with express and superstest.