# **Technical test**

The main goal is to add some extra functions to an already built Vanilla JS range calendar based in the requirements below. Please use only client-side technologies, however, no 3rd party plugins should be used/integrated. **Make sure you read all the instructions to understand the entire scope before you start the exercise.**

**Description**

We will share with you a zip file with a simple vanilla js code with no libraries or dependencies that renders a calendar with as many weeks/months/years based on user inputs:

* Starting date | String | mm/dd/yyyy
* Number of days from the starting date | Integer | From 1 to 999 (limit added just for validation testing purposes)

## **Instructions:**

* Allow the user to specify a Country Code using a text input.
* Validate the Country Code (required field, accept only 2 alphabetic characters).
* Show the selected country holidays consuming a simple JSON list.
* If the Country Code specified by the user does not match an available JSON country file (cr/us), use default international holiday list to display holidays.
* Differentiate today's day (when in range) using a gray background (#444) and white text (#FFF).
* Differentiate holidays using a green background (#3d9438) and white text (#FFF).
* Alert the holiday's name on click.

## **Ground rules:**

1. Your solution must be uploaded and shared in a public repository on your GitHub account since this is what we will use to review the code.
2. A link to a published working solution needs to be provided, otherwise, the exercise will not be evaluated.
3. It's mandatory to create an initial commit with the provided ZIP file when you start this exercise.
4. Use whatever resources you need, except another person’s help or old code from one of your projects.
5. The initial code for this calendar has been developed using Vanilla JS. You can include jQuery if you feel more comfortable, however, the use of MVC frameworks, plugins or ready-to-use code to build the calendar will not be accepted.
6. Completing this exercise fast is not important, we only care you demonstrate a fundamentally sound approach for the development of this exercise.
7. If by deadline all the requests are not complete, please share the progress you have with us, we will be evaluating the not only the code itself but also priorities, good practices, attention to detail, etc.

**Minimum Requirements:**

* Allow the user to specify three inputs: a Start Date (already built), the number of days to display (already built), and a Country Code 2 letter literal.  
    
  Example:  
  Start Date: 09/16/2019  
  Number of days: 22  
  Country Code: US.
* Show holidays based on the user selected Country Code (cr/us) consuming a simple JSON. If no country found matching the 2-letter literal, use the default international holiday list. Differentiate holidays using the colored cells.
* Differentiate today's day (when in range).
* Alert the holiday name on click