

Homework

Tasks

Create a Promise which will be resolved by 1 second delay

- Display the success response on the console
- Create the same functionality with `async / await` syntax

Alter the previous code in a way that the Promise should be randomly resolved or rejected by 1 second delay

- Alter the usage of the Promise also to handle the possible error

Send a request to an arbitrary URL and log the response onto the console

- Handle the errors also (eg.: try to misspell the URL)

Extra exercises

Create a hamburger with Promise. We have multiple ingredients (steak, vegetables, hamburger bun) and we need some time to prepare them:

- 15 seconds to roast the meat
- 5 seconds to chop the vegetables
- 7 seconds to bake the bun

Even after all of the ingredients prepared, we need 10 seconds to put the hamburger together (note, that we need to wait for all of the ingredients before we can start this last phase)

Hint:

- You can handle all of the ingredients as a separate Promise
- Then you may find this function useful: [Promise.all](#)

Extra RxJS exercise

Create an Observable which will emit a value every 1 second and then subscribe to this Observable and log the stream's values onto the console

Hint:

- You can create an RxJS playground on [Stackblitz](#)
- Ignore the fact that this playground will use TypeScript, you can write JavaScript code in `.ts` files
- You can find the [Observable](#) documentation