ITP JS

HW: Week 7

1. Define all the HTTP Request methods and their usages. Which of the request method(s) accepts BODY data? Which of the request methods(s) accept query parameters in URL? **NOTE:** Not explicitly taught in class, explore on your own.

2. Every HTTP response has a response code with it. Based on the code, we can decide what action to take. For example, a response code of 200 means the request was successfully served. If you're using the fetch method, you can access the code by Response.status

   Read about the different response codes of an HTTP request: https://developer.mozilla.org/en-US/docs/Web/HTTP/Status
   Based on your readings, determine what should be the expected response codes for the given scenarios:
   - You request for a user but it's not found in the database
   - You request for a page that does not exist
   - You're unauthorized to perform an action
   - You're authorized user, but the action you're trying to perform needs an elevated permission

3. Write a promise, that waits for 3 seconds and then sends a request to https://reqres.in/api/users (GET) to get a list of users using **fetch**. Modify the user array to contain only id and email.tese promise will be resolved with the modified user object. You **CANNOT** use async/await, everything has to be done inside a promise and **.then()** chaining only.

4. Write a function named getUser(userId), which fetches an user (fetch method) from the api provided by https://reqres.in, and nicely formats out the user information on the console. You **MUST** use async/await. Also you must handle any request error.

To know how to fetch user data, just visit https://reqres.in and look into GET SINGLE USER documentation.

5. As you know, to use .then() chains and async/await, the function needs to return a Promise. By default, setTimeout() is a plain function so you can't use .then() or async/await with it.
   How can you convert to setTimeout() to a Promise keeping the same function signature? Demonstrate with code

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