

# Assignment

Date: 15 July 2023

Topics: Async/Await

## Tasks:

API URL: <https://reqres.in/api/users?page=1>

- 1: Write an async function to call an api and log its response
- 2: Write an async function that fetches data from multiple APIs and returns the combined result.
- 3: Write 3 async functions(2 child, 1 parent), use 1 to fetch data from api, 2nd to convert it to json and third to initiate the call. Handle errors in the parent only.
- 4: Write 3 async functions(2 child, 1 parent), use 1 to fetch data from api, 2nd to convert it to json and third to initiate the call. Handle errors individually for each function.
- 5: Create an async function that reads a file from the local filesystem and returns its contents.

Text file with data: 'My name is *your-name*'

- 6: Implement an async function that reads a list of URLs from a file and fetches the contents of each URL concurrently.

Text file should contain comma separated links

[https://reqres.in/api/users?page=1&per\\_page=3](https://reqres.in/api/users?page=1&per_page=3),  
[https://reqres.in/api/users?page=2&per\\_page=3](https://reqres.in/api/users?page=2&per_page=3),  
[https://reqres.in/api/users?page=3&per\\_page=3](https://reqres.in/api/users?page=3&per_page=3),

Hint: Use Promise.all