

Section 1.0

Scraping

Consists of extracting (via scraping) all data of Cruise Ships from Carnival's website (<https://www.carnival.com/cruise-ships.aspx>).

- Script should be written in Javascript and must run using NodeJS.
- Libraries such as Cheerio and Puppeteer or any other preferred option can be used.
- Performance of the script will be taken into consideration.
- Data extracted must be store in a JSON file.

NodeJS <https://nodejs.org/en/>

Cheerio <https://cheerio.js.org/>

Puppeteer <https://pptr.dev/>

Section 2.0

Simple Chat

Develop a simple chat between two clients.

- Quasar framework and VueJS are required.
- Use only UI component that Quasar framework provides.
- Use deepstream to establish a communication channel between two clients.

<https://deepstream.io>

<https://quasar.dev/>

Section 3.0

Bonus Points

Develop a simple chat between two clients.

- Use docker-compose (one docker-compose.yml for each test) to build and run containers.
- Deliver the test via github repository (one repository for each test) with a readme file in which you describe instructions about how to run the test. Repositories must be public.