

Lingumi Take Home Task

A mobile app, Vid-Tutorial, has a wide collection of video tutorials covering various topics. Each video tutorial is taught by a teacher. There are many teachers who make video tutorials for Vid-Tutorial.

The aim of this task is to create a **web or mobile** app for retrieving and displaying video tutorial information to a user.

✓ Acceptance Criteria

- Upon load, the app downloads a list of available video tutorials, by performing a GET request to the following URL (which returns JSON data): <https://lingumi-take-home-test-server.herokuapp.com/videoTutorials>
- The app has a way for the user to refresh the video tutorials to view the most up to date information
- The app allows the user to perform the following actions:

```
/*
  Inputs: a collection of tags, typed by the user
  Outputs: the top 20 rated video tutorials, which contain any of the tags provided
*/
function getTopRatedTutorialsForTags(/* TODO */) {
  /* TODO */
}

/*
  Inputs: words typed by the user
  Outputs: a collection of tutorials, which match the user search term
*/
function searchForTutorials(/* TODO */) {
  /* TODO */
}
```

- The methods `getTopRatedTutorialsForTags` and `searchForTutorials` are covered with tests (for example - unit or integration tests)

- The user interface should be clear and easily navigable for the end-user (don't worry about making it look beautiful)



Guidelines

We have specifically left the precise inputs and outputs of the functions up to you, have a think about what would be sensible inputs and outputs for this application.

The examples have been written using Javascript for illustrative purposes, however, feel free to use whichever language, libraries or frameworks you are most comfortable with to get the job done.

If using boilerplates, please be clear about which parts of the app are your own code.



When reviewing your submission, some of the things we'll be looking at are:

- How you've organised the code
- How readable the code is
- How you approached testing the code
- Which aspects of data are being used for search in the `searchForTutorials` method
- How easy is it to navigate the user interface



Submitting your challenge

Please review the acceptance criteria and when you're ready zip-up your code and submit them through the link at the bottom of the invitation email!