Module 3
HTTP, RESTful APIs

CS W169A: Software Engineering
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1 Github Routes

Read through and try to answer the following questions. Work in pairs if you can!

1.1 Requests

Without looking at any documentation, discuss what the following HTTP requests might do (no specific answer format required, just a general idea). *Note*: These links do not work, but determine what the request type and arguments would do if they did exist.

- GET https://github.com/orgs/cs169/repos
- GET https://github.com/repos/cs169/homework2
- POST https://github.com/orgs/cs169/repos

1.2 API Documentation

Read through GitHub's API documentation, which can be found at https://developer.github.com/v3. Find answers to the following questions.

- How can I get publicly available information about a user?
- How can I list all pull requests of a repository?
- How can I get all closed pull requests of a repository?
- How can I create a new pull request?
- Which input values are required to create a new pull request?

2 Open Ended Question

Finish the following ruby implementation for a simple todo API. Assume you have access to a params hash with any necessary query parameters, along with a $format_{a}s_{j}son(object)function.ReturnresultsasJSONwhenapplicable.$