API's Lab

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Part 1: SWAPI

1. the height of Darth Vader

   https://swapi.dev/api/people/4/?height

2. the population of the planet Alderaan

   https://swapi.dev/api/planets/2/?population

3. the name of the manufacturer of the Millennium Falcon

   https://swapi.dev/api/starships/10/?manufacturer

4. the name of the species that C-3PO belongs to (multiple URLs)

   https://swapi.dev/api/people/2/?species

   http://swapi.dev/api/species/2/

5. the title of each film that Obi-Wan Kenobi is in (multiple URLs)

   https://swapi.dev/api/people/10/?films

   http://swapi.dev/api/films/1/

   http://swapi.dev/api/films/2/

   http://swapi.dev/api/films/3/

   http://swapi.dev/api/films/4/

   http://swapi.dev/api/films/5/

   http://swapi.dev/api/films/6/

6. use the search query (the how to on the search query is at the bottom of the Getting Started section of the documentation) to get the information about the Millennium Falcon, it's a starship

   https://swapi.dev/api/starships/?search=millennium

Part 2: Social Mountain

1. Check if the POST request accepts params, queries, and/or a body. Which one(s) and what information is it expecting to be sent?

   It accepts objects in the body that has strings values

   ```
   {
     "text": "The text used here will appear in the new post object"
   }
   ```

2. What data type does the GET request return?

   It return an array of all posts

3. What would the URL look like for deleting the post with the id 555? (This post does not exist anymore, but the syntax is the same for existing posts,)

   https://practiceapi.devmountain.com/api/posts?id=555

4. List the possible response codes from the GET request at '/posts/filter'

   200 returns the array of filtered posts or 409 request query is missing required text property

5. Create a post whose text is your name, record the URL and body here:

   Post: https://practiceapi.devmountain.com/api/posts/

   ```
   {
     "text": "Brendan"
   }
   ```

6. What would the URL and body object be to update the post you just made to contain your favorite color instead of your name?

   Put: https://practiceapi.devmountain.com/api/posts?id=6642

   ```
   {
     "text": "blue"
   }
   ```

7. What is the URL to get posts that contain the text "blue"?

https://practiceapi.devmountain.com/api/posts/filter/?text=blue

8. Make a request to GET all the posts. What are the content type and charset of the response? (Hint: look on the Headers)

application/json; charset=utf-8

9. What would cause a PUT request to return a 409 status?

IF the Request was missing req.query.id or req.body.text

10. What happens if you try to send a query in the GET request URL? Why do you get that response?

It appears to still run normally. I think it is because the Get request is not requiring any parameters.