**Part 1: SWAPI**

**Instructions**

For each of the following use the [SWAPI docs](https://swapi.dev/documentation), to figure out the complete URL(s) (including params or queries) that you need to go to in order to reach the following data:

1. The height of Darth Vader

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

1. The population of the planet Alderaan

http://swapi.dev/api/planets/?search=Alderaan

1. The name of the manufacturer of the Millennium Falcon

http://swapi.dev/api/starships/?search=Millennium

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

<https://swapi.dev/api/people/2/>

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

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

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

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

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

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

<https://swapi.dev/api/films/6/>

1. 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**

**Summary**

In this section, you’ll be looking through the documentation for the Social Mountain API and answering questions. You’ll also be making requests and recording the URLs and some information about the responses. Run the requests in Postman. **Note: this API is live and viewable by your classmates and staff. Keep things appropriate for class.**

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

It accepts a body with a key of text and a parameter of any text that user can put in.

1. What data type does the GET request return?

An array of objects that contain the data split in key-value pairs. Returns an array of all posts.

1. 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

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

200 and 409

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

URL: <https://practiceapi.devmountain.com/api/posts>

Body:

{

"text": "Frants"

}

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

URL: https://practiceapi.devmountain.com/api/posts?id=1888

Body:

{

"text": "Blue"

}

1. What is the URL to get posts that contain the text “blue”?

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

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

content-type: application/json; charset=utf-8

charset=utf-8

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

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

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

All responses are displayed because a query is not defined as an endpoint.