# API's - SWAPI Answers:

## Part 1:

1. the height of Darth Vader = **202**
2. the population of the planet Alderaan = **2,000,000,000**
3. the name of the manufacturer of the Millennium Falcon = **Corellian Engineering Corporation**
4. the name of the species that C-3PO belongs to (multiple URLs) = **Droid**
5. the title of each film that Obi-Wan Kenobi is in (multiple URLs) = **A New Hope, The Empire Strikes Back, Return of the Jedi** and **Revenge of the Sith**
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/10/**

   "name": "Millennium Falcon",

   "model": "YT-1300 light freighter",

   "manufacturer": "Corellian Engineering Corporation",

   "cost_in_credits": "100000",

   "length": "34.37",

   "max_atmosphering_speed": "1050",

   "crew": "4",

   "passengers": "6",

   "cargo_capacity": "100000",

   "consumables": "2 months",

   "hyperdrive_rating": "0.5",

   "MGLT": "75",

   "starship_class": "Light freighter",

## Part 2:

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? =

**POST accepts params expecting "text" body, and responses 200 and 409 descriptions**

2. What data type does the GET request return? =

   **tags:**

       **- posts**

       **summary: Get all posts**

       **produces:**

       **- application/json**

       **responses:**

        **200:**

         **description: Returns an array of all posts**

         **schema:**

          **$ref: '#/definitions/ApiReturn'**

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:**

       **description: Returns an array of filtered posts**

       **schema:**

        **$ref: '#/definitions/ApiReturn'**

      **409:**

       **description: Request query is missing required text property.**

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

   **curl -X 'POST' \**

    **'https://practiceapi.devmountain.com/api/posts' \**

    **-H 'accept: application/json' \**

    **-H 'Content-Type: application/json' \**

    **-d '{**

    **"text": "Spencer Brazell"**

    **}'**

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?

**curl -X 'PUT' \**

 **'https://practiceapi.devmountain.com/api/posts?id=804' \**

 **-H 'accept: application/json' \**

 **-H 'Content-Type: application/json' \**

 **-d '{**

 **"text": "green"**

 **}'**

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

**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?

**Request was missing req.query.id or req.body.tex**

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

**There is no option to send a query since you are pulling information that already exists in the GET.  You will get the same body since you can not filter in the GET URL, you need the filter endpoint. You can not use a body on a GET!**