Bright Paths – Foundation

Lab Exercise: APIs

11.3.21

Part 1:

1. Height. Of Darth Vader: 202

URLS:

[https://swapi.dev/api/people/](%22)

[https://swapi.dev/api/people/4/](%22)

2. Population of planet Alderaan: 2000000000

URLS:

[https://swapi.dev/api/planets/](%22)

[https://swapi.dev/api/planets/2/](%22)

3. Manufacturer of Millennium Falcon:

Corellian Engineering Corporation

URLS:

[https://swapi.dev/api/starships/](%22)

[https://swapi.dev/api/starships/10/](%22)

4. Droid

URLS:

[https://swapi.dev/api/people/](%22)

[https://swapi.dev/api/species/](%22)

5. Films: A New Hope, The Empire Strikes Back, Return of the Jedi, The Phantom Menace, Attack of the Clones, and Revenge of the Sith

URLS:

[https://swapi.dev/api/people/](%22)

[https://swapi.dev/api/people/10/](%22)

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/

6. URL: 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",

"pilots": [

"https://swapi.dev/api/people/13/",

"https://swapi.dev/api/people/14/",

"https://swapi.dev/api/people/25/",

"https://swapi.dev/api/people/31/"

],

"films": [

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

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

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

],

"created": "2014-12-10T16:59:45.094000Z",

"edited": "2014-12-20T21:23:49.880000Z",

"url": "https://swapi.dev/api/starships/10/"

}

Part 2:

1. Params: No, it does not accept params. Queries: No, queries are accepted. Body: Yes, body is accepted. It is expecting body text to be sent. (409 status: Request body missing required text)

2. Data Type: An array with numbers and strings

3. [https://practiceapi.devmountain.com/api/posts?id=555](%22)

4. 200 (Returns an array of all the post) and 409 (Request was missing req.query.id)

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

{

"text": "Testing my post. EV"

}

6. [https://practiceapi.devmountain.com/api/posts?id=](%22)188

{

“text”: “Purple”

}

7. [https://practiceapi.devmountain.com/api/posts](%22)/filter?text=blue

8. application/json; charset=utf-8

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

10. It returns all the posts in the array. This response is received because a filter was not included in the query.

Part 3: