Front end development: Ajax

JavaScript – star wars

The following exercise contains the following subjects:

◆ Ajax

Instructions

We are going to use this star wars api to get information.

We want to get information of 10 characters.

We want the following information:

1. Name
2. Height
3. Hair Color
4. Planet they came from
5. Planet population

We want you to create an array of objects that will store all of this information.

Create the object structure like this:

```
(10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}] ℹ
  0:
    hair: "blond"
    height: "172"
    name: "Luke Skywalker"
    planet:
      name: "Tatooine"
      population: "200000"
      __proto__: Object
    __proto__: Object
  1: {name: "C-3PO", hair: "n/a", height: "167", plan…
  2: {name: "R2-D2", hair: "n/a", height: "96", plane…
  3: {name: "Darth Vader", hair: "none", height: "202…
  4: {name: "Leia Organa", hair: "brown", height: "15…
  5: {name: "Owen Lars", hair: "brown, grey", height:…
```

Each object will have the following:

a key, value of hair,

a key, value of height

a key, value of name

a key of planet who's value is an object

 - inside that object you have a key, value of the planets name and key, value of the population.

Note:

When you fetch data from an API, here are the steps I like to do:

1) Fetch the raw data and display it in your console. Make sure there is no CORS or anything preventing you for fetching it.

2) Understand how the API is structured and understand where to look for the data you want.

3) Fetch the data you want and print it in the console

4) Many times I want to create an object of all the data I want because of the following reasons:

- Less clutter. You have exactly the data you want without all the extra noise.

- Sometimes you call several API's and want to put it in one object.

- You have one place where you have all of your API's data.

5) I display it on the screen with no styling.

6) Only then I start styling it to my preference.

We want to place it dynamically into the DOM without using any HTML

You can display the data any way you would like. For good practice, I suggest you create a table or with flex box and place the information there.

For example:

Star Wars				
name	hair	height	planet name	planet population
Luke Skywalker	blond	172	Tatooine	200000
C-3PO	n/a	167	Tatooine	200000
R2-D2	n/a	96	Naboo	4500000000
Darth Vader	none	202	Tatooine	200000
Leia Organa	brown	150	Alderaan	2000000000
Owen Lars	brown, grey	178	Tatooine	200000
Beru Whitesun lars	brown	165	Tatooine	200000
R5-D4	n/a	97	Tatooine	200000
Biggs Darklighter	black	183	Tatooine	200000
Obi-Wan Kenobi	auburn, white	182	Stewjon	unknown