

Assignment Name -

Json datastore and Javascript frontend



Problem Statement -

1) Imagine you are creating a JSON data store for a Ecommerce platform like flipkart.com or amazon.in. Create a JSON to show what fields you will choose and what type of data (string/object/array) would you want to store in those field.

2) Consider the following JSON dataset -

<https://raw.githubusercontent.com/Biuni/PokemonGO-Pokedex/master/pokedex.json>

This dataset contains information of all characters (pokemon) of a famous game Pokemon Go. Include this dataset in a JS file as a variable and then write the following functions -

- Write a function to take pokemon's name as argument and display the information of that pokemon
- Write a function that takes pokemon's name as an argument and find out which all pokemon have that name in their "next_evolution" field.
- Write a function that take a "Weakness" as an input and gives the names of all pokemon who have that Weakness. (check the weakness array in the dataset)

You are free to use any library if you want. You are allowed to create multiple JSON files as well if you want.

Evaluation Basis

This project will be evaluated on following basis -

- 1) **Quality of JavaScript code** - Your application's Javascript code should be optimized to be readable with proper indentation and comments. It should be broken down into functions for better maintainability and it should not contain any logical bugs.
 - 2) **Intuitive Thinking** - You have thinking intuitively and think of all the possible data points to be stored in the JSON. The better your data store is, the more marks you get.
 - 3) **Originality of code** - Your code will be checked for plagiarism and if it's not original, it will be discarded with a negative skill score.
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Deliverables from Candidate

- 1) Compressed Folder containing your code.
- 2) A TXT file containing the description of the logic followed by you in code as well as JSON file.

Create a folder containing all three deliverables. Compressed all these into a ZIP/RAR format and then submit it on the assignment page

Warning - Do not submit incomplete projects or projects that are not running. They will result in negative skill score. Always use discussion board in case of queries.