ACT #53 Pet Shop 1
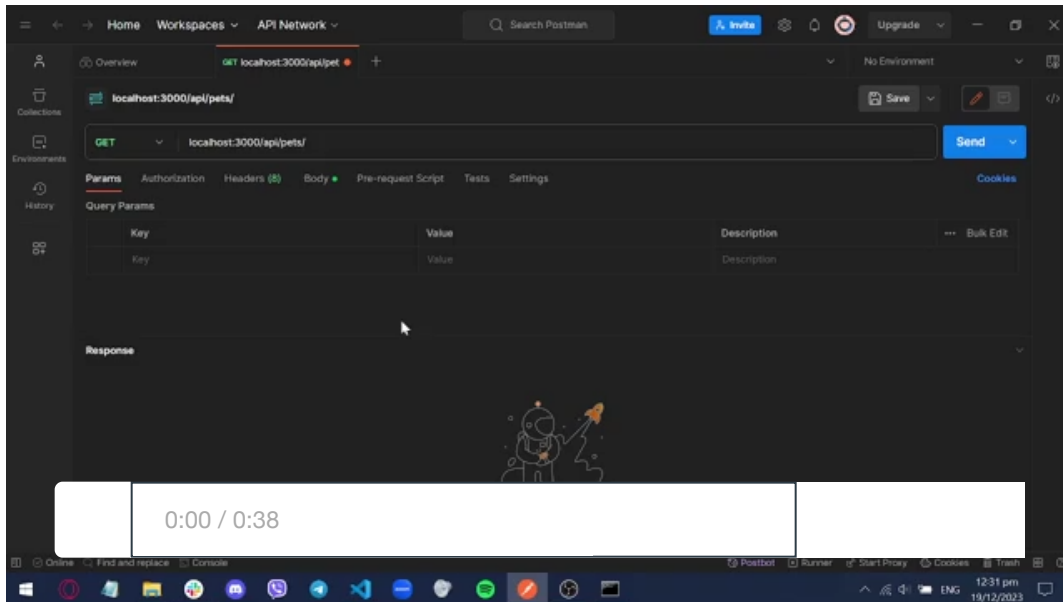
New Attempt

Due No Due Date   **Points** 40   **Submitting** a file upload   **File Types** zip and rar

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Instruction

Create an Express API route file that keeps track of data for a pet store website.

Tools

Node.js, Express, Visual Studio Code

Description

- Create two .js files, **pet_store.js** and **index.js**.

pet_store.js

- Create a variable `const pets`.
- Assign to `pets` an array of JSON object literals containing info on pets, with the following properties.

- id
- species
  - Examples include dog, cat, rabbit, etc.
- eating_habit
  - Examples include herbivore, carnivore, omnivore
- pet_name
  - Examples include Brownie, Oreo, Hunter, etc.
- Populate the array with at least 5 initial entries.

index.js

- Have the following API routes that do the following.
  - GET /api/pets
    - Lists all of the pets in a JSON format.
    - Include the following properties in the response:
      - id
      - species
      - eating_habit
      - pet_name
  - GET /api/pets/:id
    - Lists the data on one pet with the given id in JSON format.
    - Include the following properties in the response:
      - id
      - species
      - eating_habit
      - pet_name
    - Have this route return a 404 error and an error message via the console in the case that no results come up.
  - GET /api/pets/list/species
    - List all of the unique species included in pets.
    - For example, assume that the species of the 5 pets in my database are dog, bird, cat, cat, and snail respectively. The output would only include dog, bird, cat, and snail (only one instance of cat).
    - Include the following properties in the response:
      - species
    - **TIP**: Use the includes **array method (https://kodego.instructure.com/courses/379/pages/7-dot-11-js-es6)** .
- Submit both files here as a .zip file. Name the compressed file **ACT53.zip**

Starter code

index.js

```javascript
//check what you have to import

const app = ex();

app.use(ex.json());

app.get("/api/pets", (req, res) => {
  //consult the library.js
});

app.get("/api/pets/:id", (req, res) => {
  //consult the library.js
  //show an error if not found
});

app.get("/api/pets/list/species", (req, res) => {
  //cycle through all of the entries
  //use .includes to check if a species has been added already
  //show an error if no species
});

//don't forget your listener
//use 3001
```

pet_store.js

```javascript
const pets = [
  //place here your five pets
  //consult the instructions for the properties
];

//export this module
```