SWAGGER PET STORE ACTIVITY

Presented by

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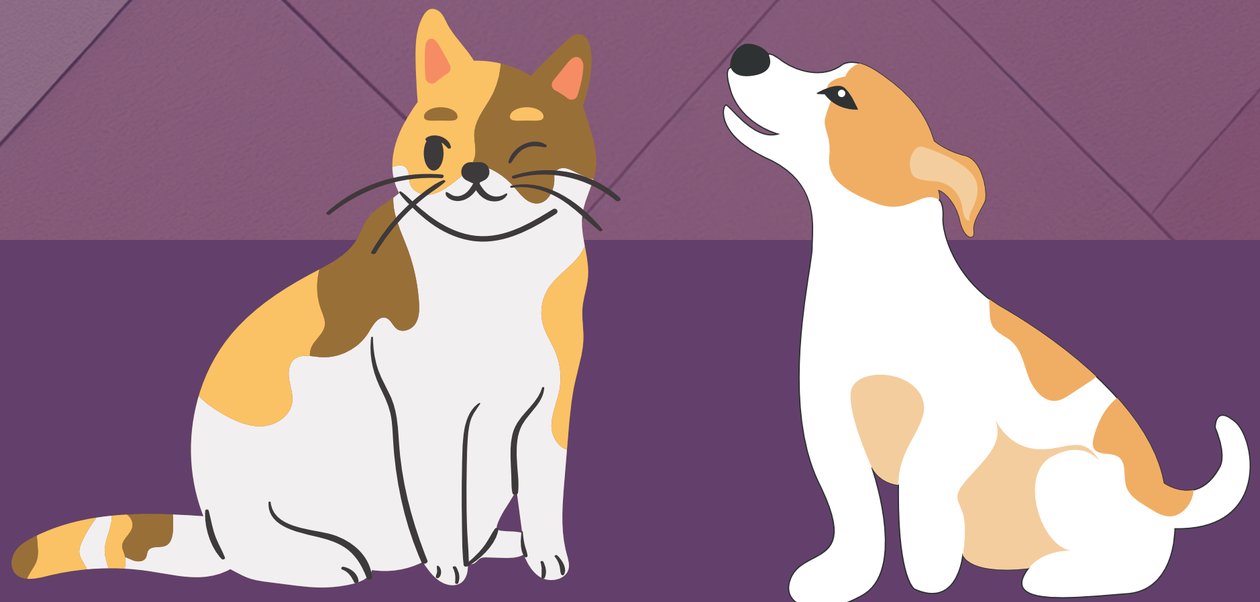
PRAMOD



Overview of the Swagger Petstore API

The Swagger Petstore API is a sample implementation of a RESTful server that simulates a pet store management system. It provides functionality for adding, updating, and searching for pets in a pet store, managing user accounts, and placing orders. This API serves as an example of how to describe RESTful APIs using Swagger (OpenAPI) specifications.

Key Features:

- Pet Management
- Store Operations
- User Functions

SWAGGER PET STORE API

BASE URL CONFIGURATION

ACTIVITY 1

ACTIVITY 2

ACTIVITY 3

ACTIVITY 4

ACTIVITY 5

ACTIVITY 6

BaseURL & Configuration

The base URL is the initial part of the address for all the requests in an API. It is the consistent part of the API's internet address and typically includes the protocol (HTTP/HTTPS), the hostname, and the path.

How to Configure the Base URL in Your Application:

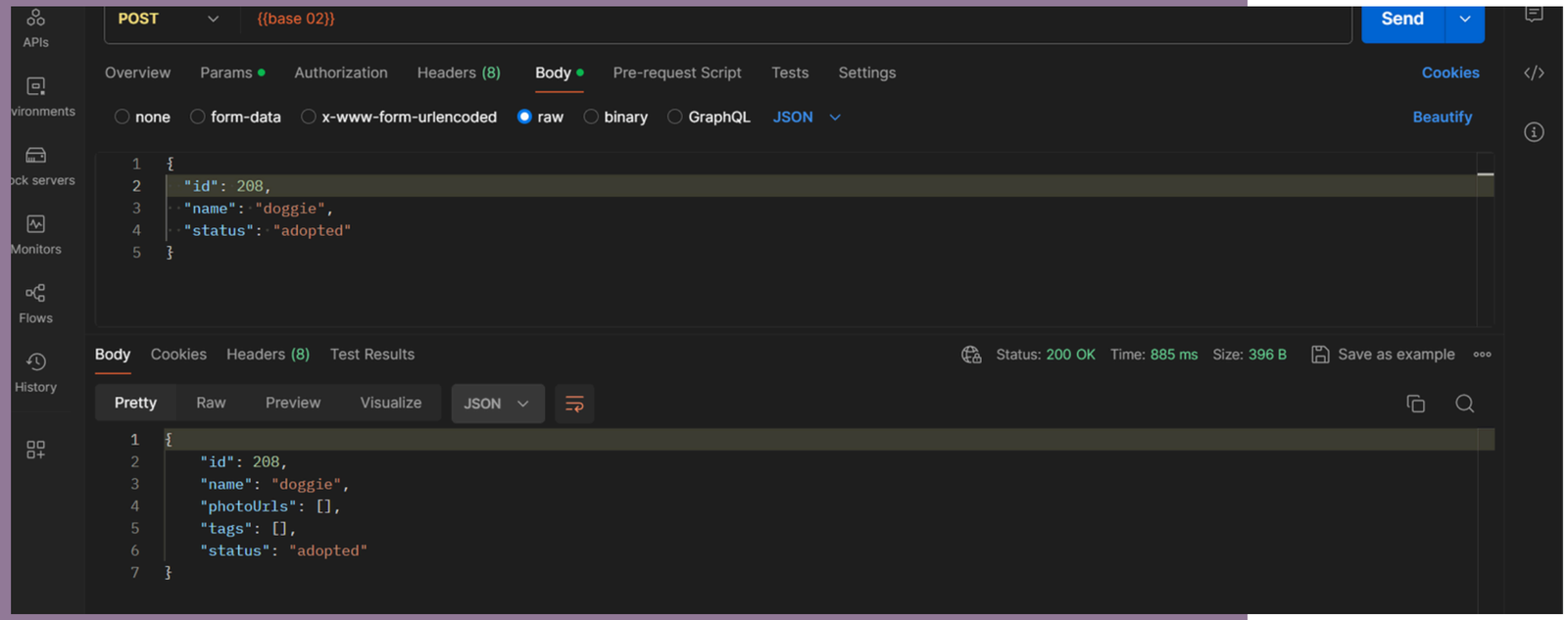
- Set the Base URL in the API Client
- Environmental Configuration

Example from Swagger Petstore API:
Base URL: https://petstore.swagger.io/v2
Protocol: https
Hostname: petstore.swagger.io
BasePath: /v2

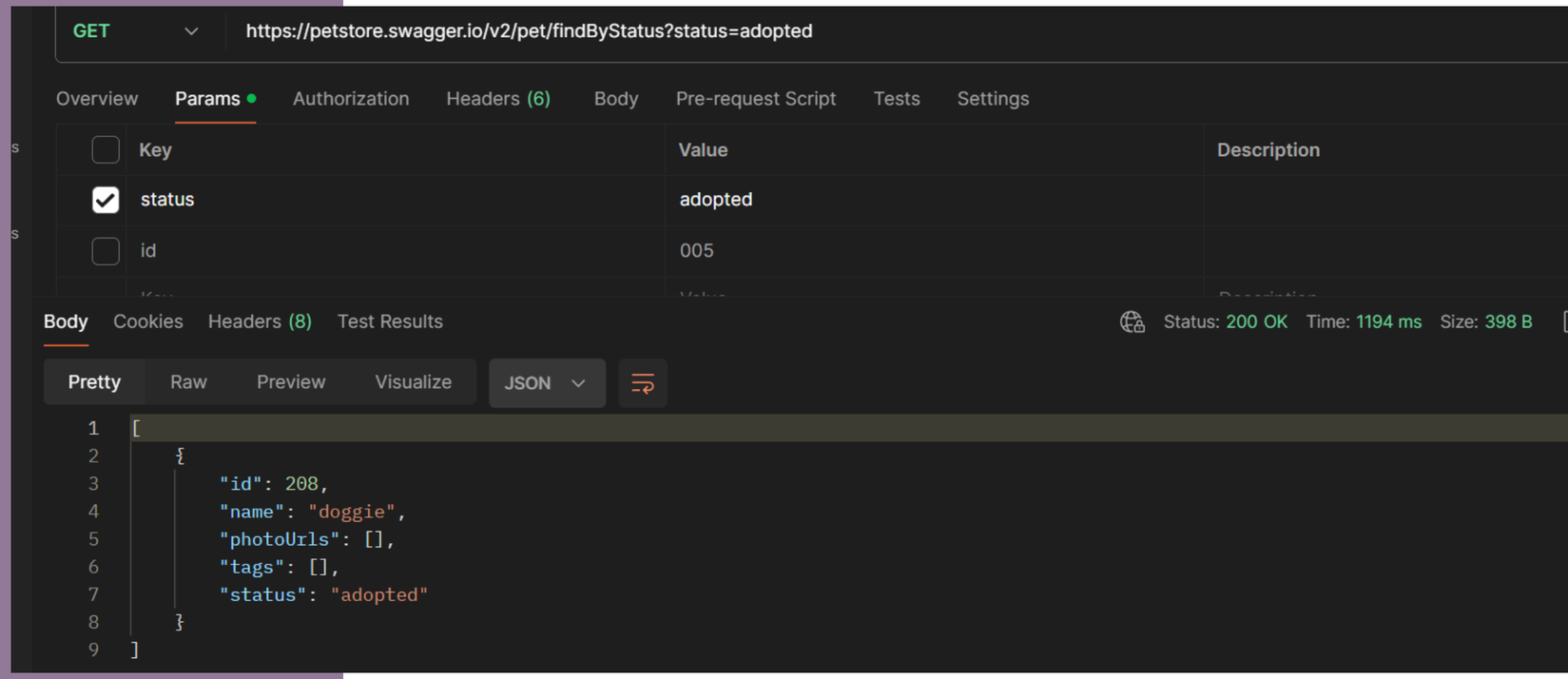
ACTIVITY ONE

Adding Pet with id,name,status and Verifying the same (edited)

- Set Request Type to POST and Enter Request URL
- Prepare the JSON Payload
- Send the Request and Verify the Response

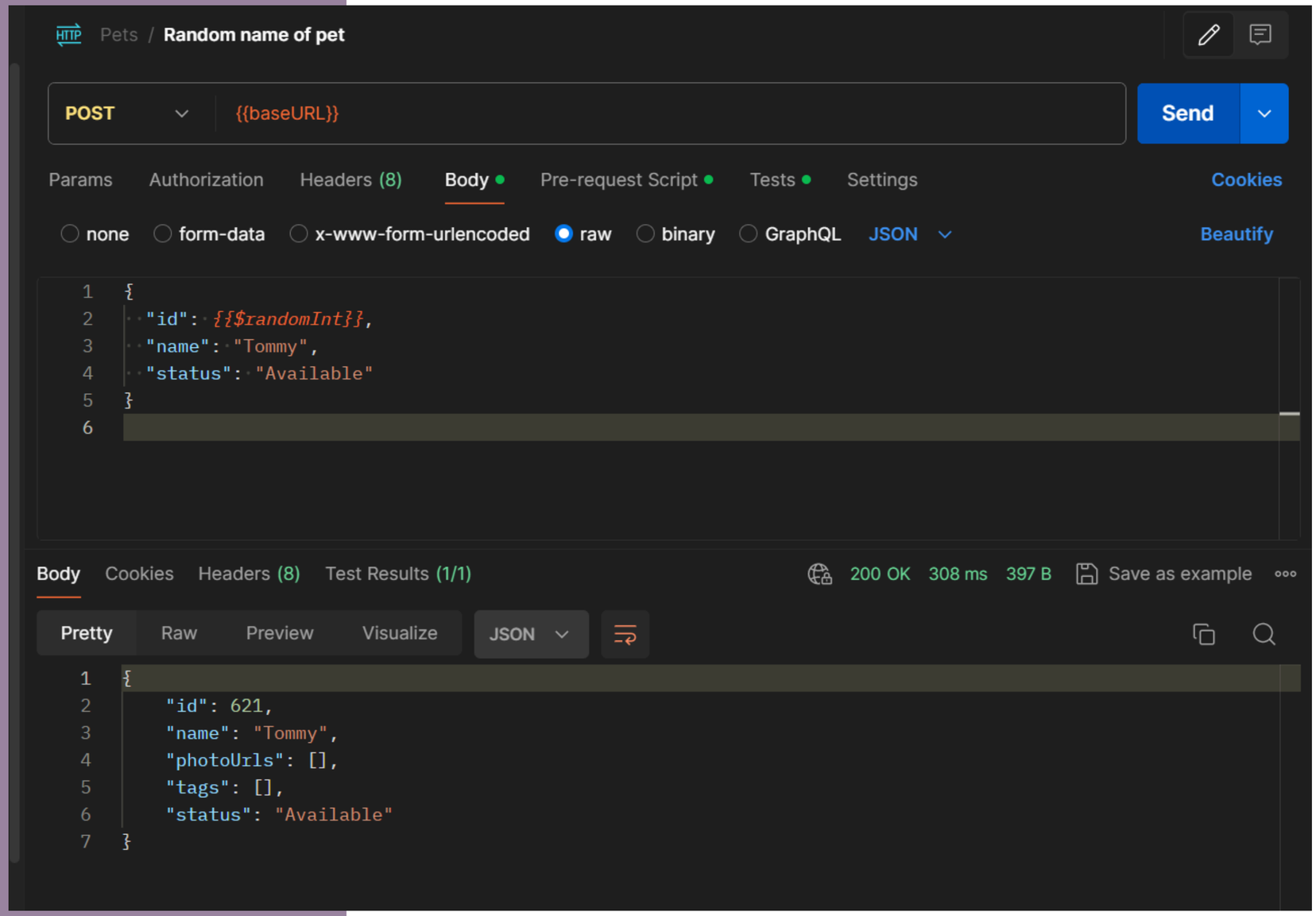


ACTIVITY ONE



ACTIVITY TWO

Add a pet as above but randomize the pet ID



ACTIVITY THREE

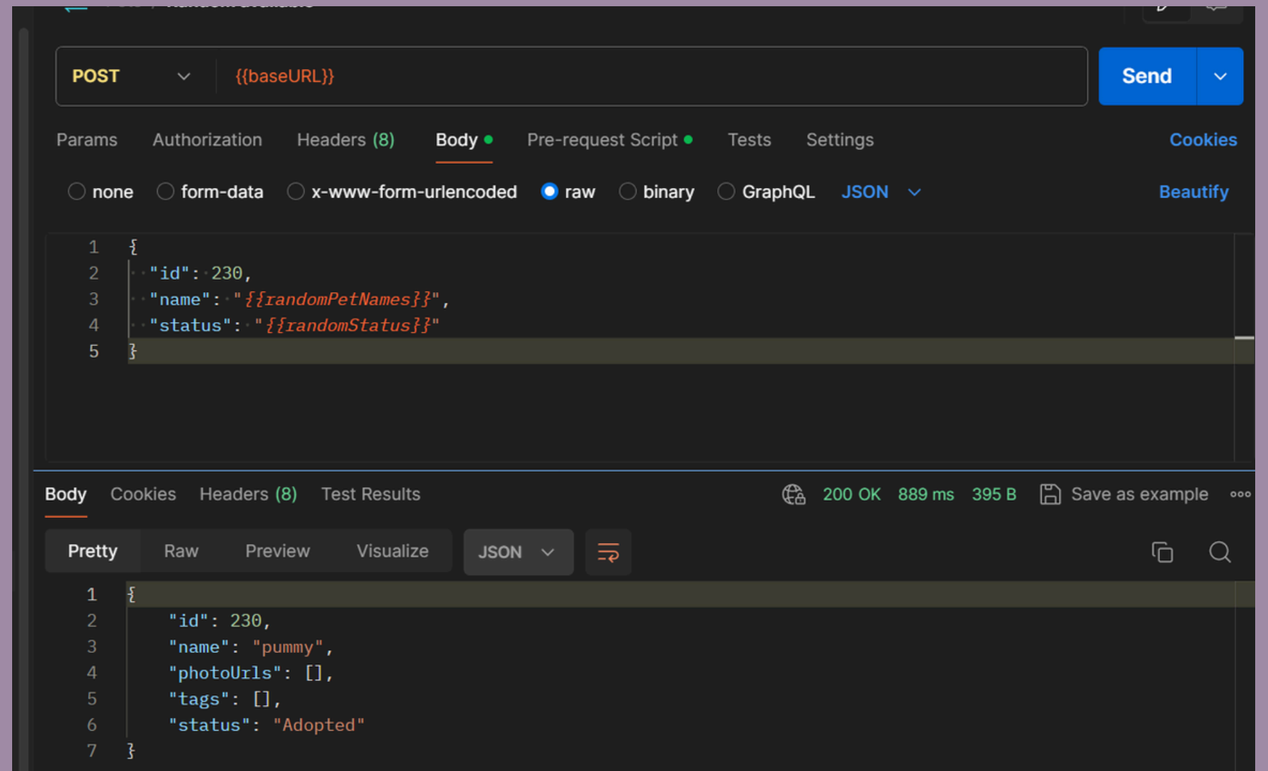
Randomize pet Name as well as the pet Status

Pets / **Random available**

POST {{baseURL}}

Params Authorization Headers (8) Body Pre-request Script Tests Setting

```
1  const statuses = ["Sold", "Available", "Pending", "Adopted"];
2  const randomStatus = statuses[Math.floor(Math.random() * statuses.
       length)];
3  pm.environment.set("randomStatus", randomStatus);
4
5  const names = ["pummy", "chimmy", "rahul", "husky"];
6  const randomPetName = names[Math.floor(Math.random() * names.length)];
7  pm.environment.set("randomPetNames", randomPetName);
8
```



ACTIVITY FOUR

Pets / **Random name of pet**

POST {{baseURL}}

Params Authorization Headers (8) Body Pre-request Script Tests Settings

```
const statuses = ["Sold", "Available", "Pending", "Adopted"];
const randomStatus = statuses[Math.floor(Math.random() * statuses.
    length)];
pm.environment.set("randomStatus", randomStatus);

const names = ["pummy", "chimmy", "rahul", "husky"];
const randomPetName = names[Math.floor(Math.random() * names.length)];
pm.environment.set("randomPetNames", randomPetName);
```

POST request above where the pet id was randomized

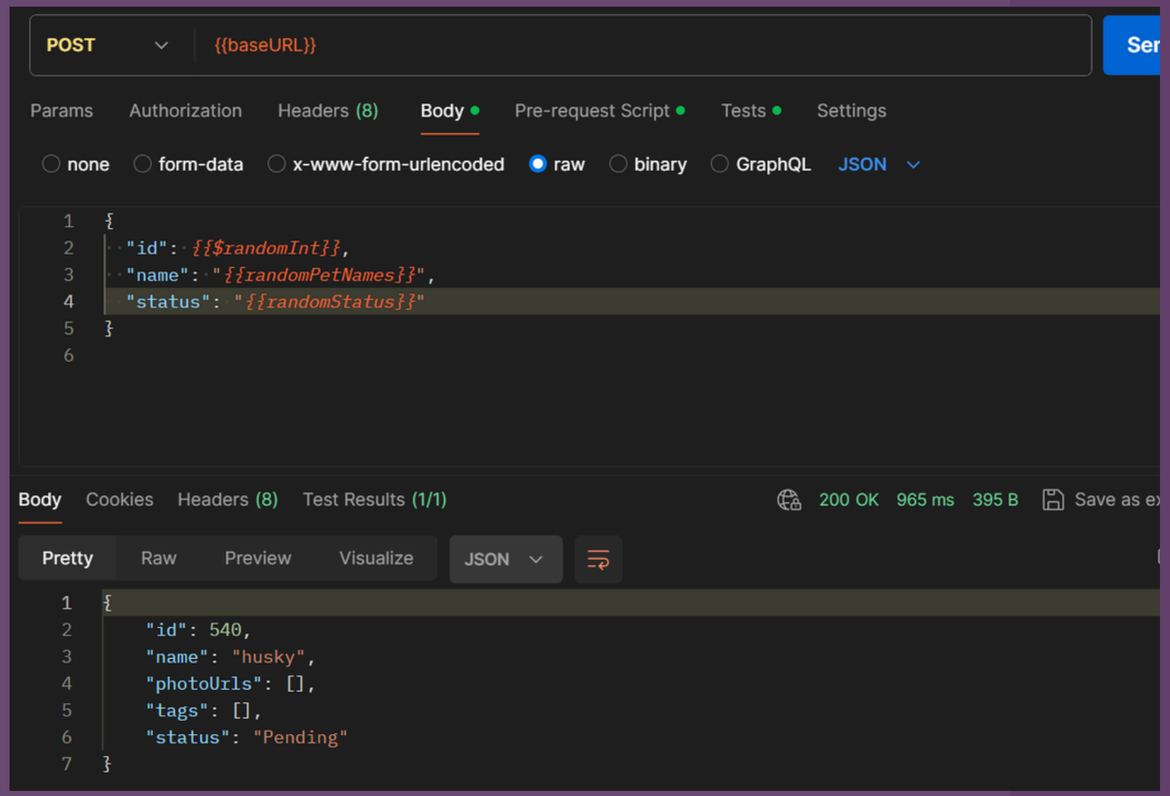
Pets / **Random name of pet**

POST {{baseURL}}

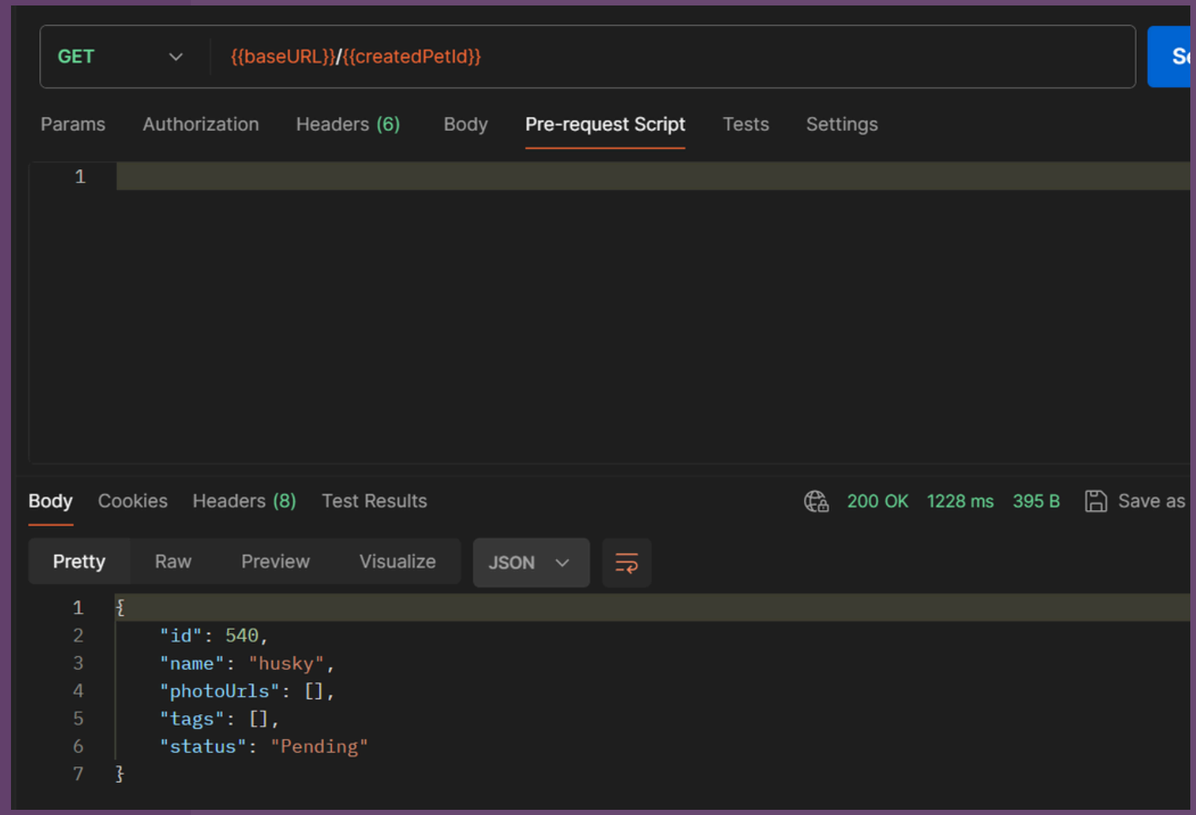
Params Authorization Headers (8) Body Pre-request Script Tests Setti

```
pm.test("Succesful post",()=>{
    pm.expect(pm.response.code).to.be.oneOf([200,201]);
});

const response=pm.response.json();
pm.globals.set("createdPetId",response.id);
```



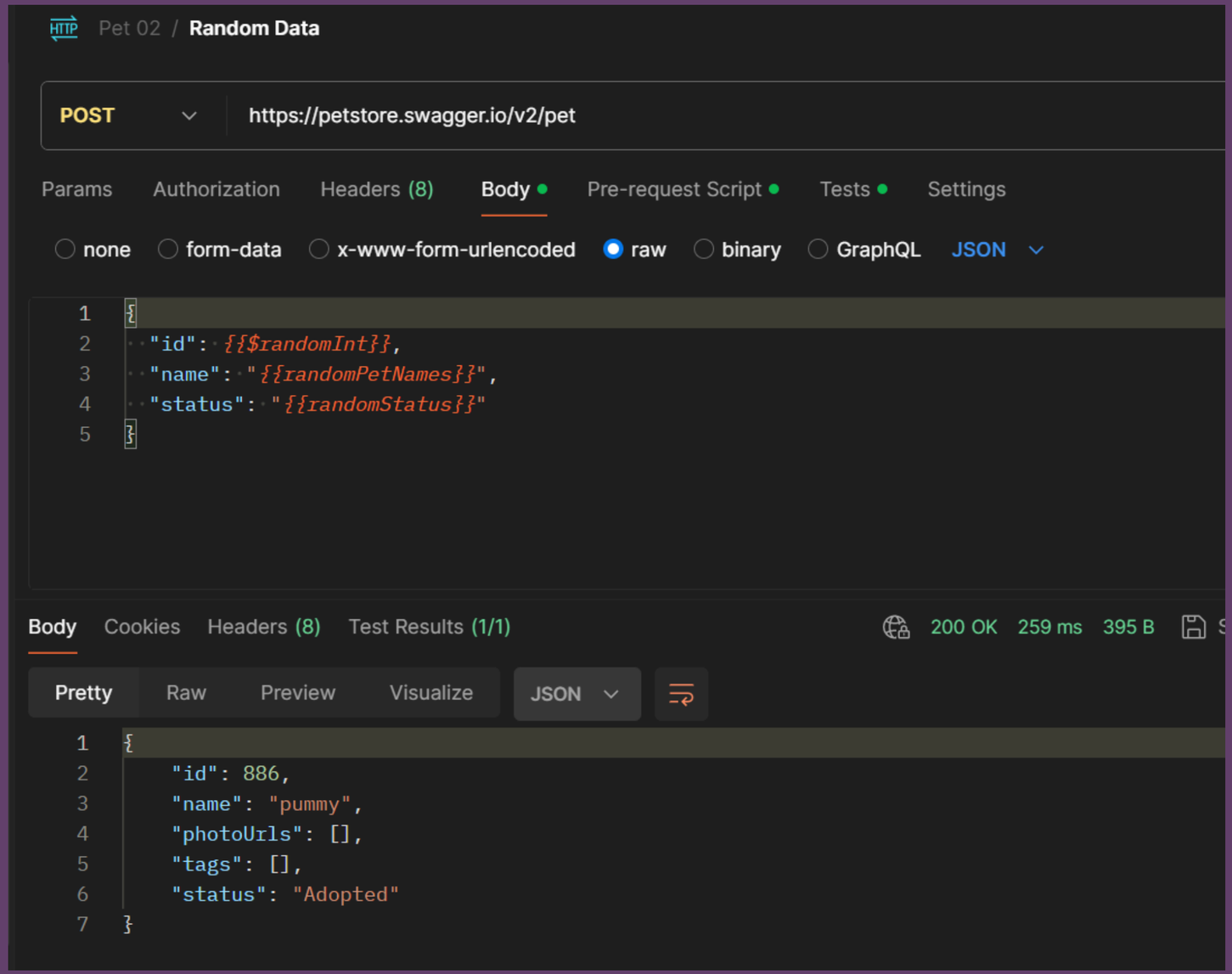
GET request to get the details of the pet created



ACTIVITY FOUR

ACTIVITY FIVE

POST REQUEST



ACTIVITY FIVE

POST REQUEST

Pet 02 / **Random Data**

POST https://petstore.swagger.io/v2/pet

Params Authorization Headers (8) Body Pre-request Script **Tests** Settings

```
pm.test("Succesful post",()=>{
    pm.expect(pm.response.code).to.be.oneOf([200,201]);
});

const response=pm.response.json();
pm.globals.set("createdPetId",response.id);
```

Pet 02 / **Random Data**

POST https://petstore.swagger.io/v2/pet

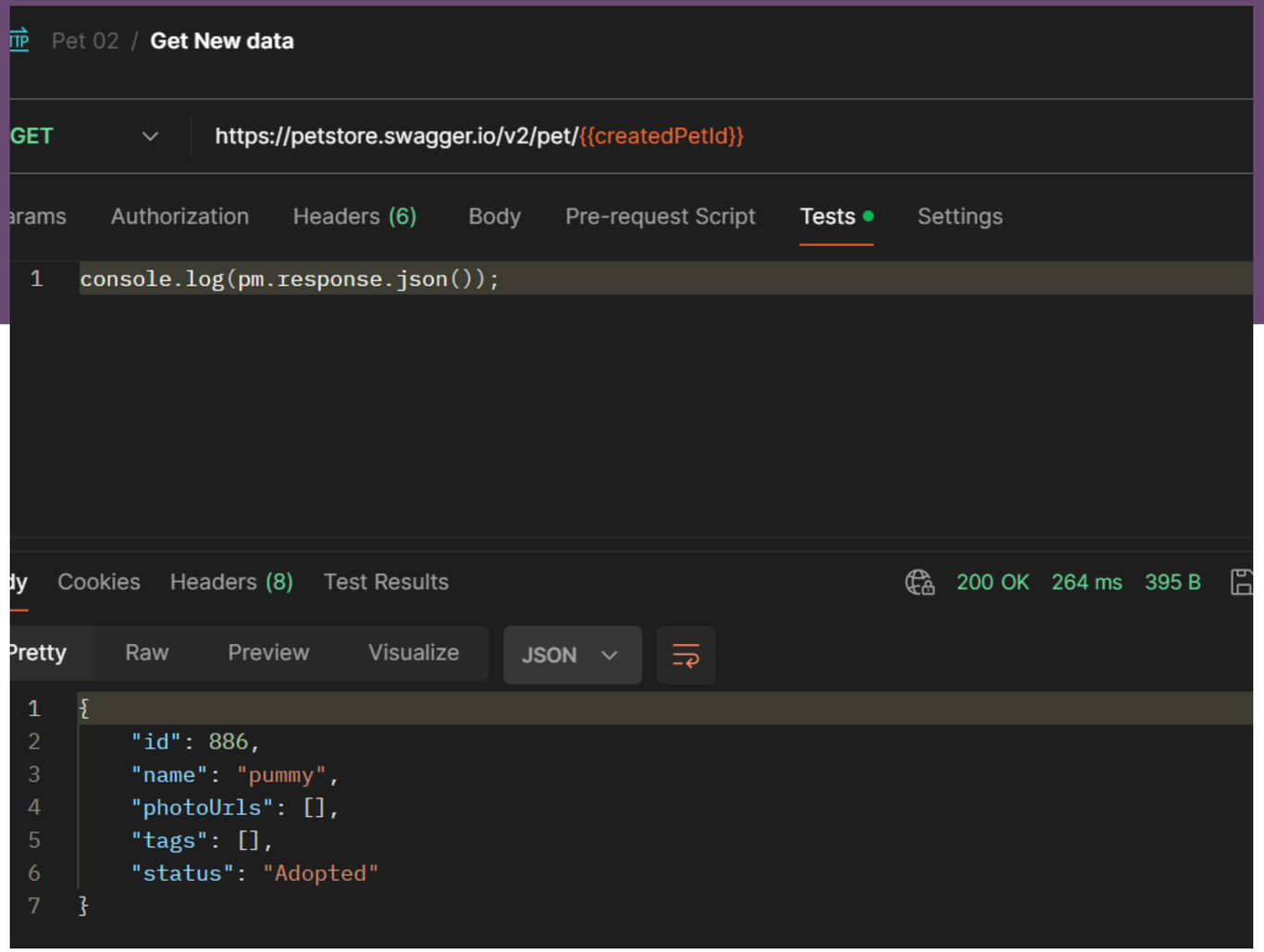
Params Authorization Headers (8) Body **Pre-request Script** Tests Settings

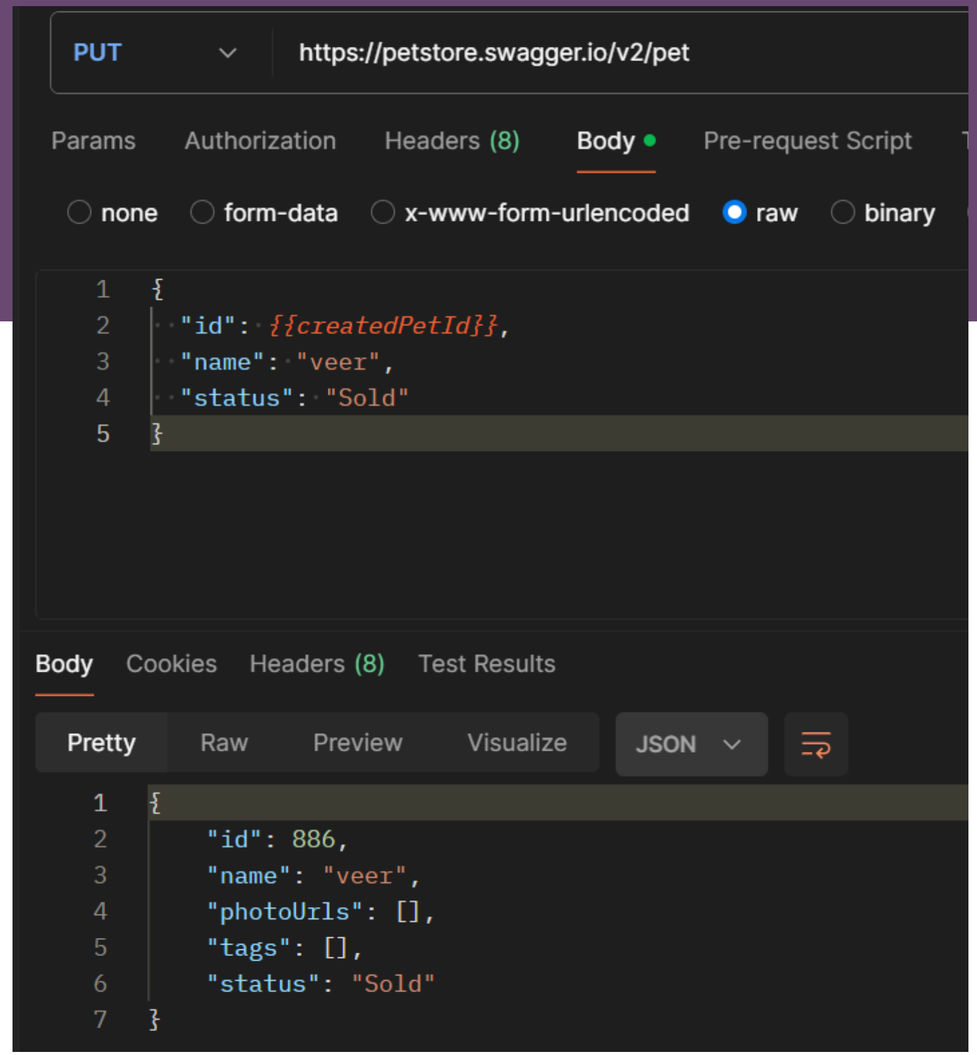
```
const statuses = ["Sold", "Available", "Pending", "Adopted"];

const randomStatus = statuses[Math.floor(Math.random() * statuses.length)];
pm.environment.set("randomStatus", randomStatus);

const names = ["pummy", "chimmy", "rahul", "husky"];
const randomPetName = names[Math.floor(Math.random() * names.length)];
pm.environment.set("randomPetNames", randomPetName);

console.log(randomPetName,randomStatus);
```





GET & PUT REQUEST

ACTIVITY FIVE

ACTIVITY FIVE

Pet 02 / **Updated Data**

GET https://petstore.swagger.io/v2/pet/{{createdPetId}}

Params Authorization Headers (6) Body Pre-request Script Tests Settings

```
1  console.log(pm.response.json());
```

Body Cookies Headers (8) Test Results 200 OK 341 ms

Pretty Raw Preview Visualize JSON


```
{
    "id": 886,
    "name": "veer",
    "photoUrls": [],
    "tags": [],
    "status": "Sold"
}
```


Pet 02 / **Delete**

DELETE https://petstore.swagger.io/v2/pet/{{createdPetId}}

Params Authorization Headers (6) Body Pre-request Script Tests Settings

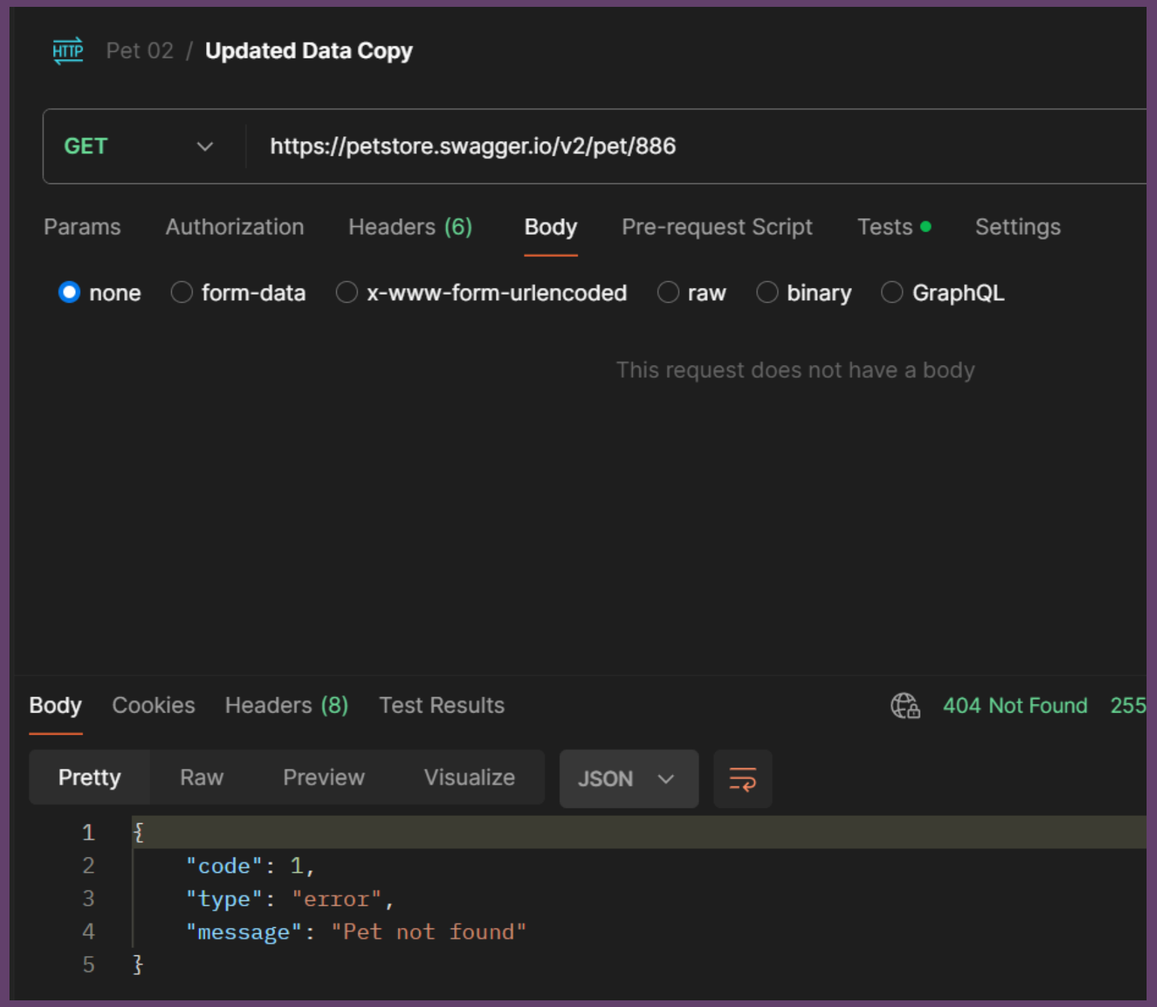
none form-data x-www-form-urlencoded raw binary GraphQL

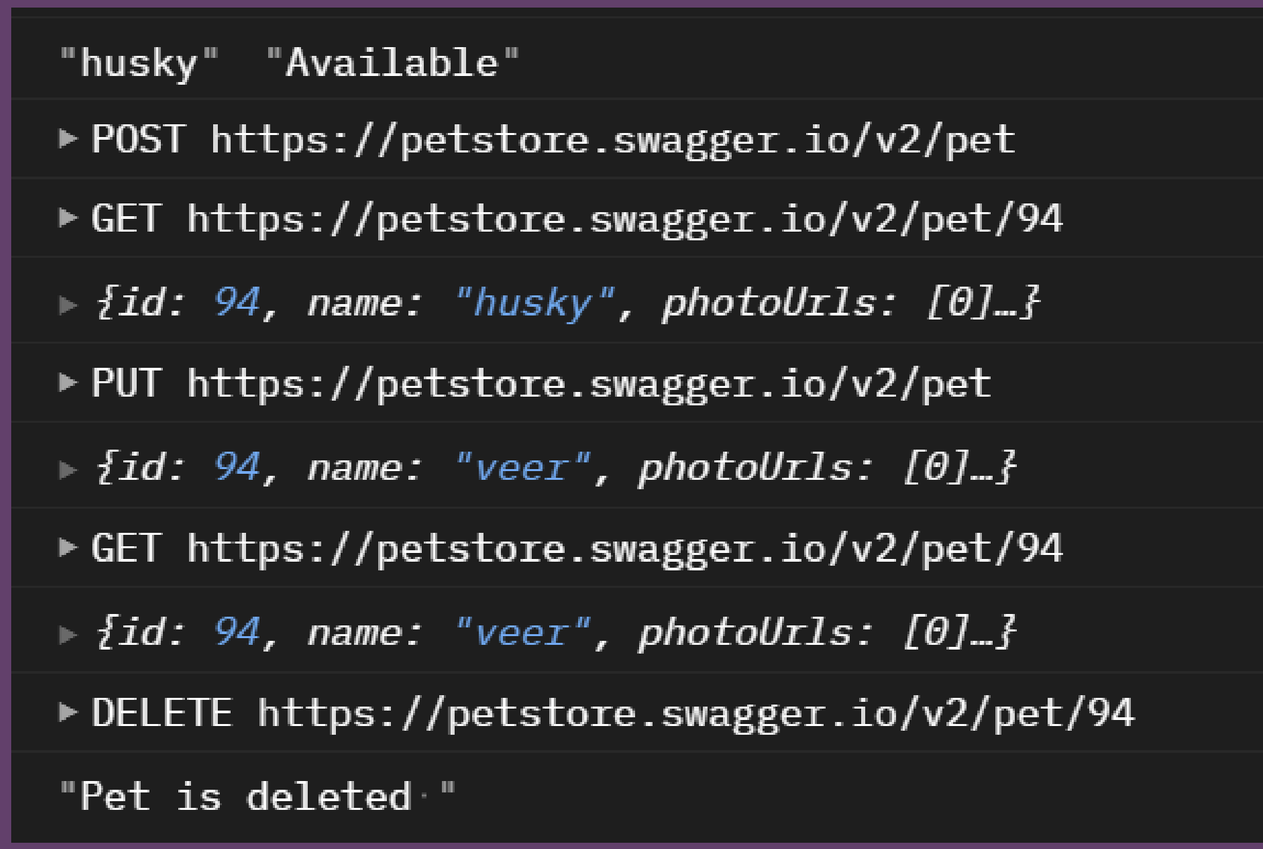
This request does not have a body

Body Cookies Headers (8) Test Results 200 OK 1358 ms

Pretty Raw Preview Visualize JSON


```
{
    "code": 200,
    "type": "unknown",
    "message": "886"
}
```

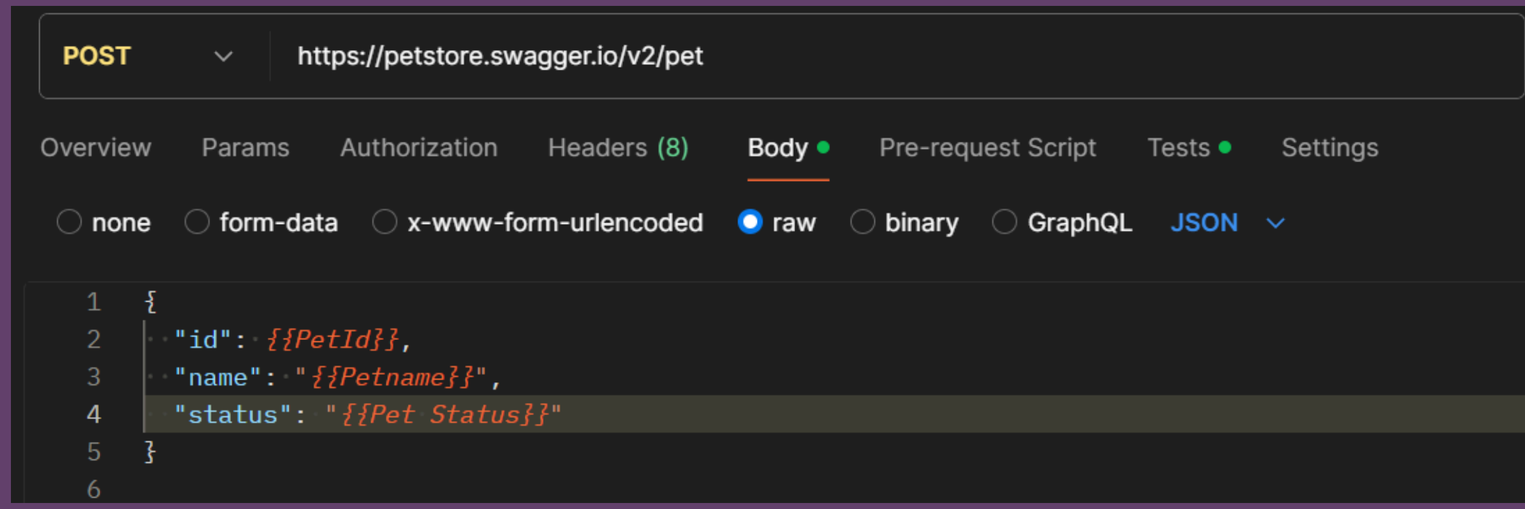


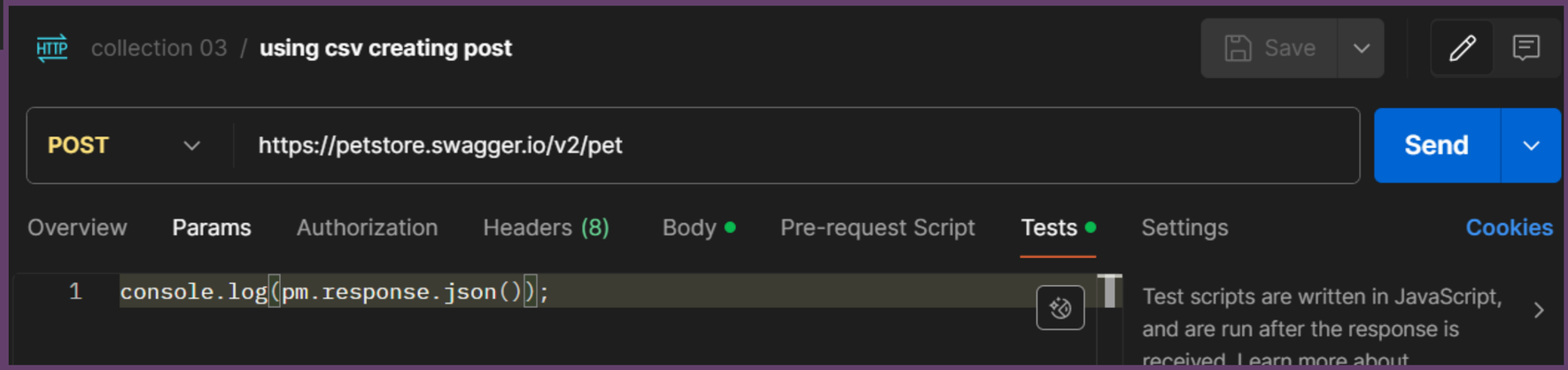


ACTIVITY FIVE

ACTIVITY SIX

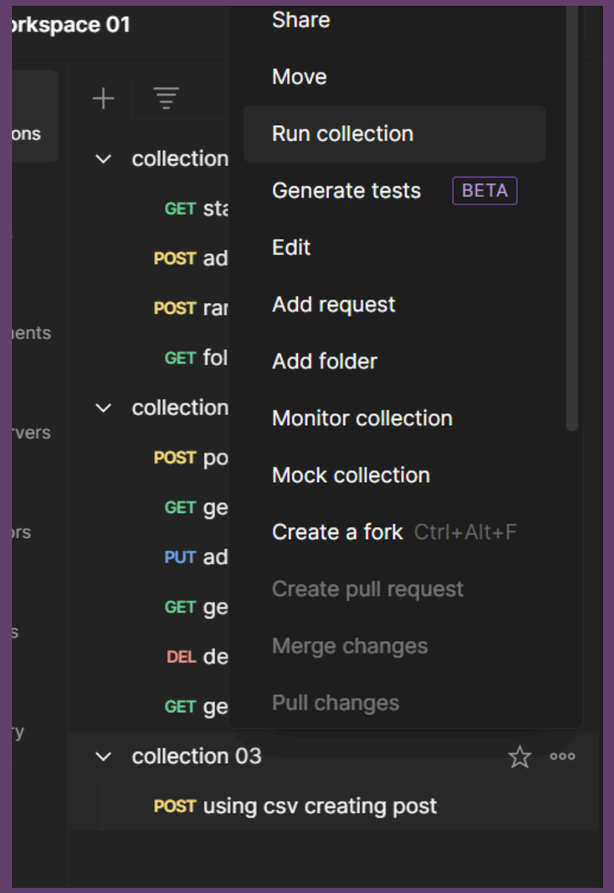
```
PetId,Petname,Pet Status
5201,Timmy,alive
5202,devil,hungry
5203,rocky,happy
5204,sam,sad
5205,dogy,adopted
5206,husky,sleeping
5207,pug,playing
5208,puppy,shouting
5210,charli,alive
```

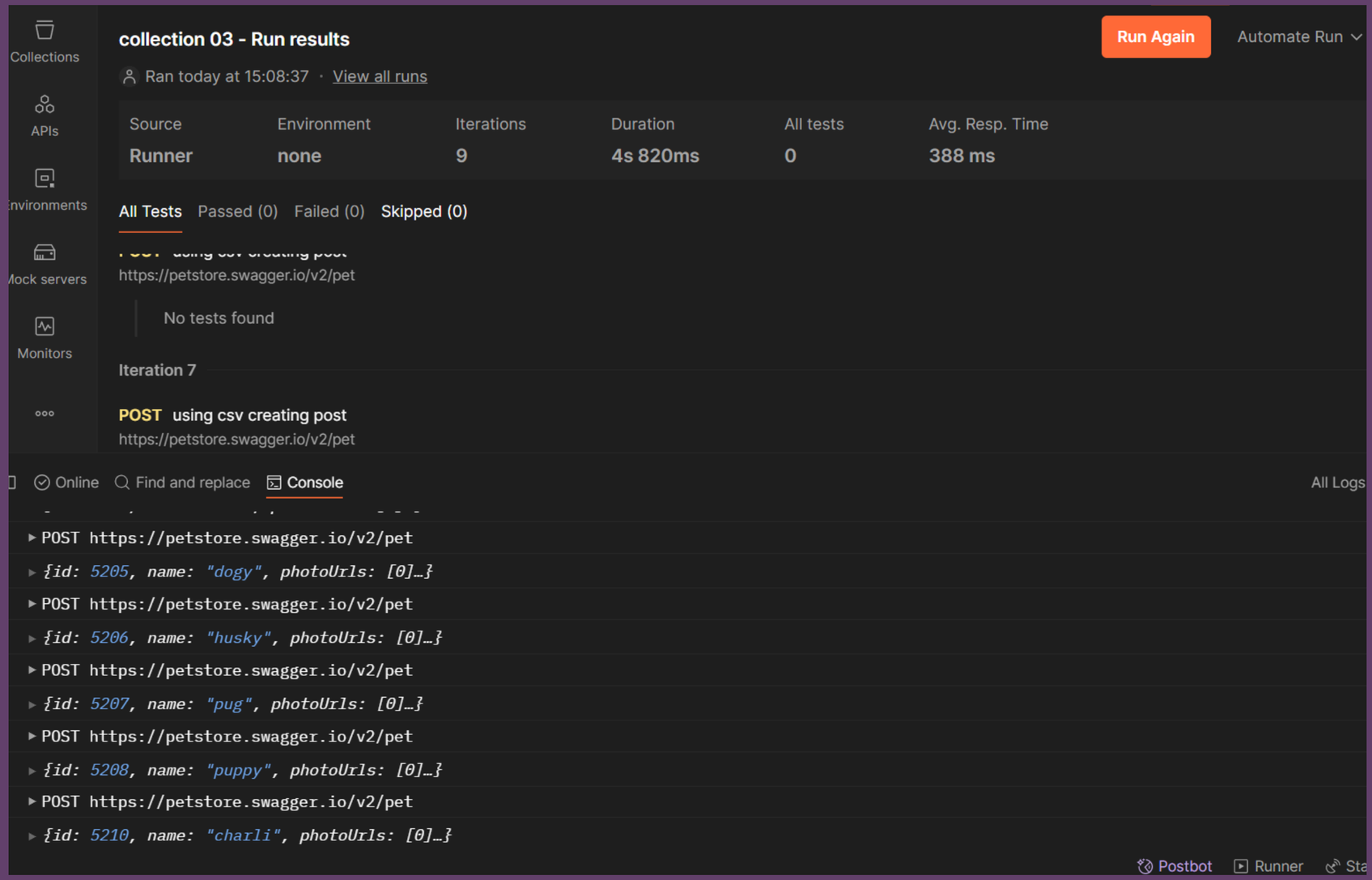




CSV FILE WITH TEST DATA

ACTIVITY SIX





CSV FILE WITH TEST DATA

THANK YOU