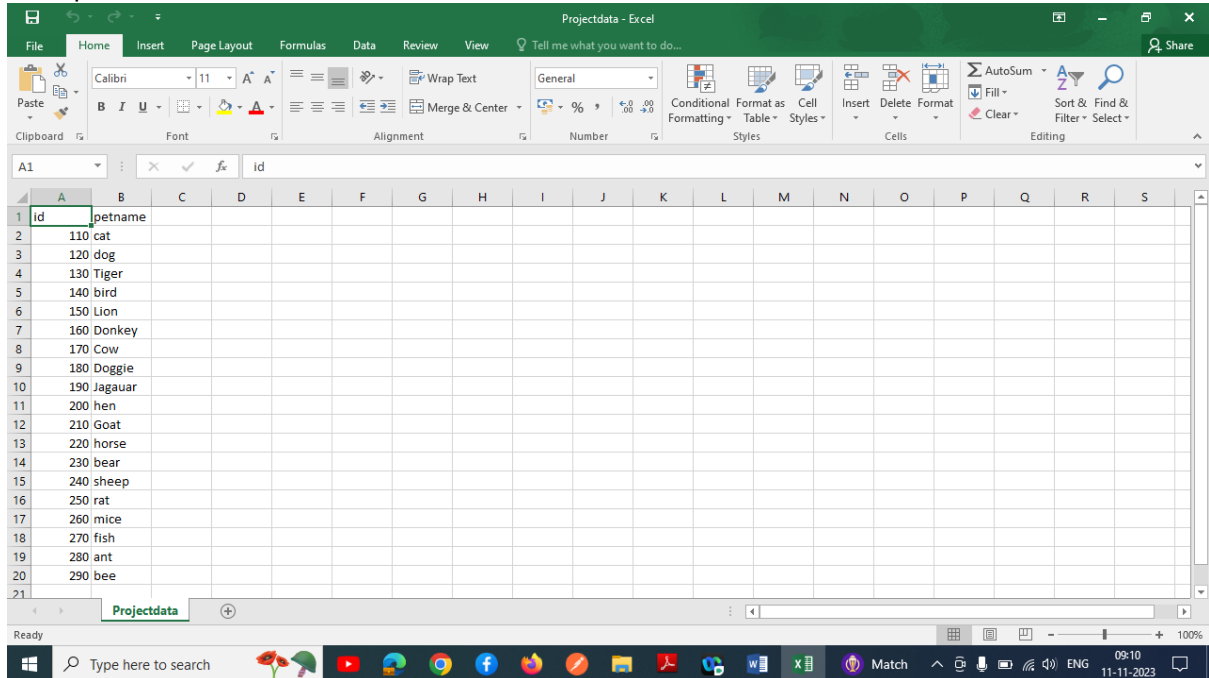


Postman Assignment 001:

Create id and Pet name:

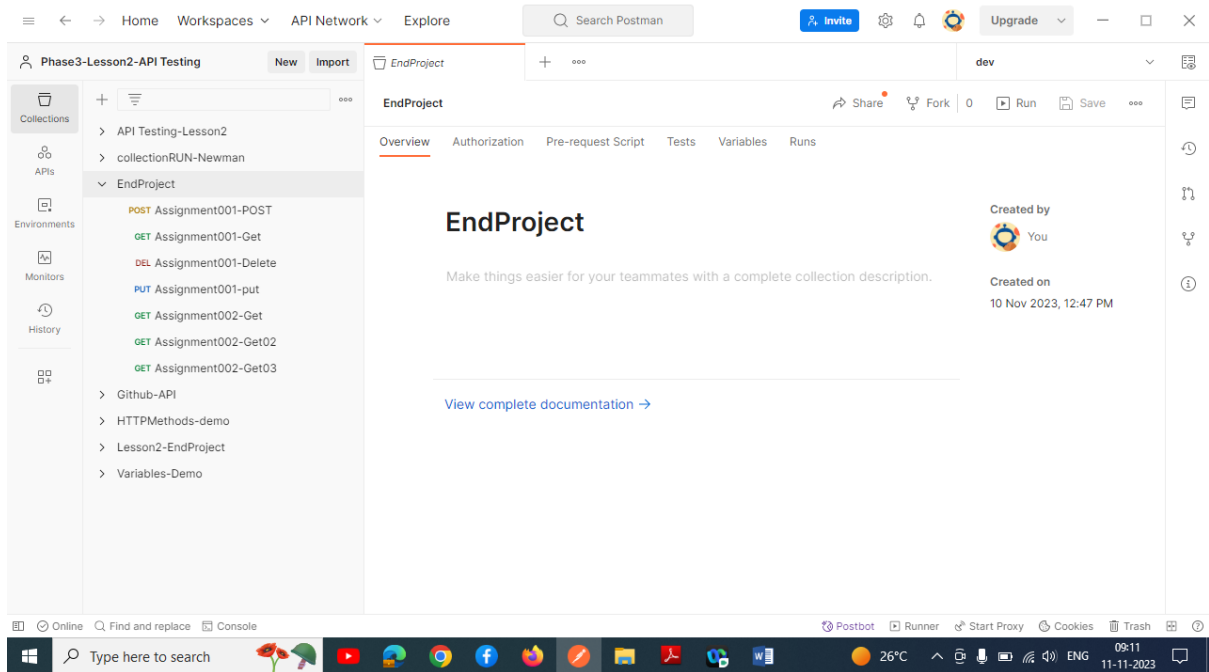
- Create a CSV file with two columns, id and pet name, having 20 rows' details as below example:



The screenshot shows a Microsoft Excel spreadsheet titled 'Projectdata - Excel'. The spreadsheet has two columns: 'id' and 'petname'. The 'id' column contains numbers from 110 to 290 in increments of 10. The 'petname' column contains various animal names. The data is as follows:

id	petname
110	cat
120	dog
130	Tiger
140	bird
150	Lion
160	Donkey
170	Cow
180	Doggie
190	Jagauar
200	hen
210	Goat
220	horse
230	bear
240	sheep
250	rat
260	mice
270	fish
280	ant
290	bee

- Open Postman
- Create a new collection called **EndProject** and arrange three end-to-end services as shown below:



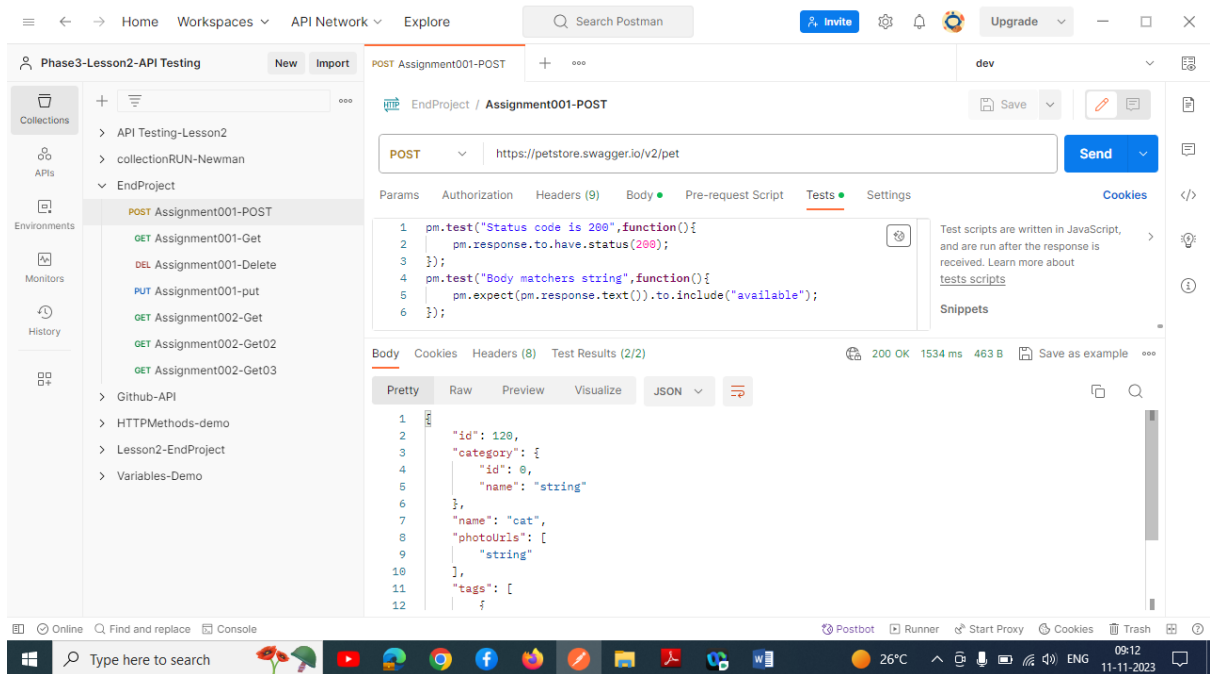
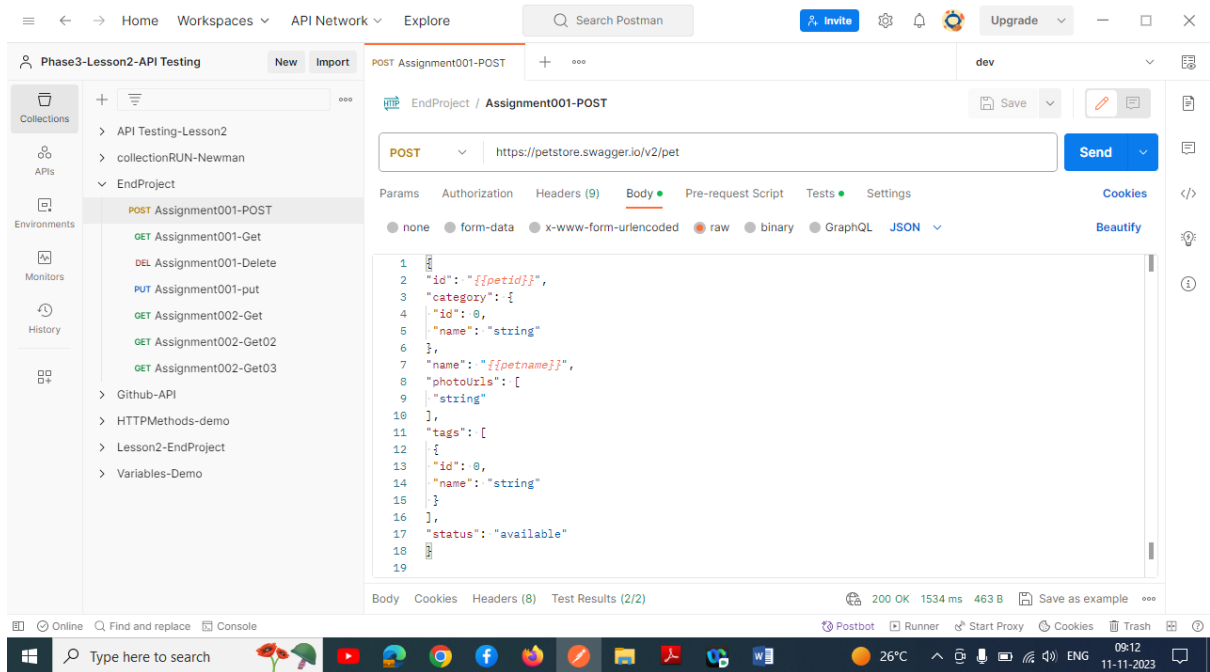
- In the collection, add a new POST service request with following details:

- URL: `https://petstore.swagger.io/v2/pet`

- Service Type: POST

- JSON Body:

```
{  
  "id": "{{petid}}",  
  "category": {  
    "id": 0,  
    "name": "string"  
  },  
  "name": "{{petname}}",  
  "photoUrls": [  
    "string"  
  ],  
  "tags": [  
    {  
      "id": 0,  
      "name": "string"  
    }  
  ],  
  "status": "available"  
}
```



- In the dev Environmental Variable add the Petid and petname.

The screenshot shows the Postman interface with the 'dev' environment selected. The left sidebar contains a 'Collections' panel with 'APIs' and 'Environments'. The 'Environments' panel shows a list of environments: 'dev' (selected), 'prod', 'Project variables', and 'QA'. The main panel displays the 'dev' environment configuration with a table of variables.

Variable	Type	Initial value	Current value
city	default	Hyderabad	Hyderabad
repoName	default		Postman-Api-415
owner	default		BolluHaritha
petname	default	cat	cat
petid	default	120	120
envstatus	default	available_DEV	available_DEV

Below the table, there is a message: "Use variables to reuse values and protect sensitive data". It states: "Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about [variable type](#). Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about [variable values](#)."

Validate petID:

The screenshot shows the Postman interface with the 'GET Assignment001-Get' request selected. The left sidebar shows a collection of requests under 'EndProject'. The main panel displays the request details, including the URL, parameters, and the response body.

Request Details:

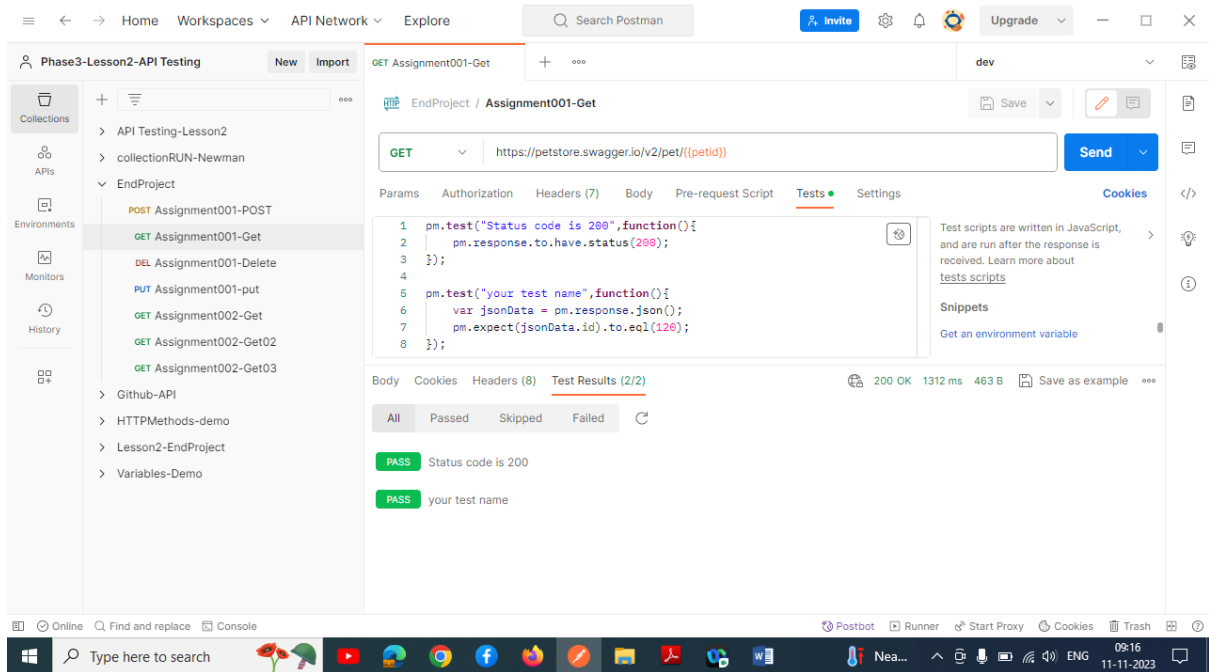
- Method: GET
- URL: `https://petstore.swagger.io/v2/pet/{petid}`
- Params: `petid`
- Tests:

```
1 pm.test("Status code is 200",function(){
2   pm.response.to.have.status(200);
3 });
4
5 pm.test("your test name",function(){
6   var jsonData = pm.response.json();
7   pm.expect(jsonData.id).to.eql(120);
8 });
```

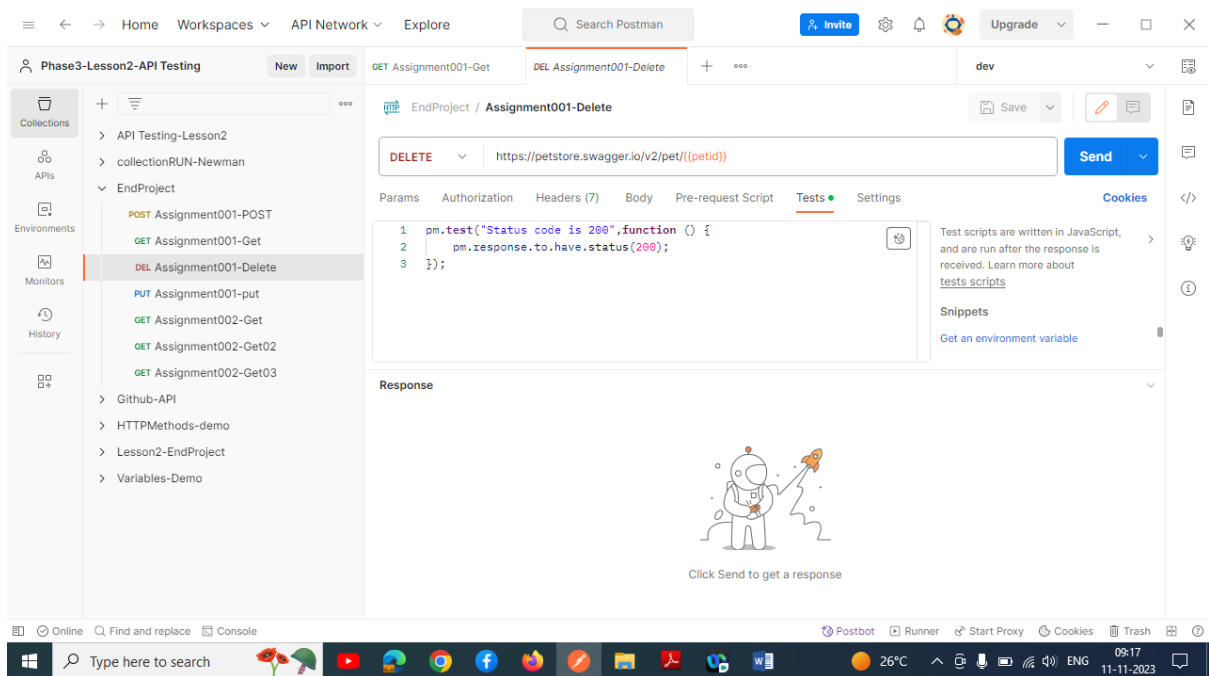
Response Details:

- Status: 200 OK
- Time: 1312 ms
- Size: 463 B
- Body (Pretty):

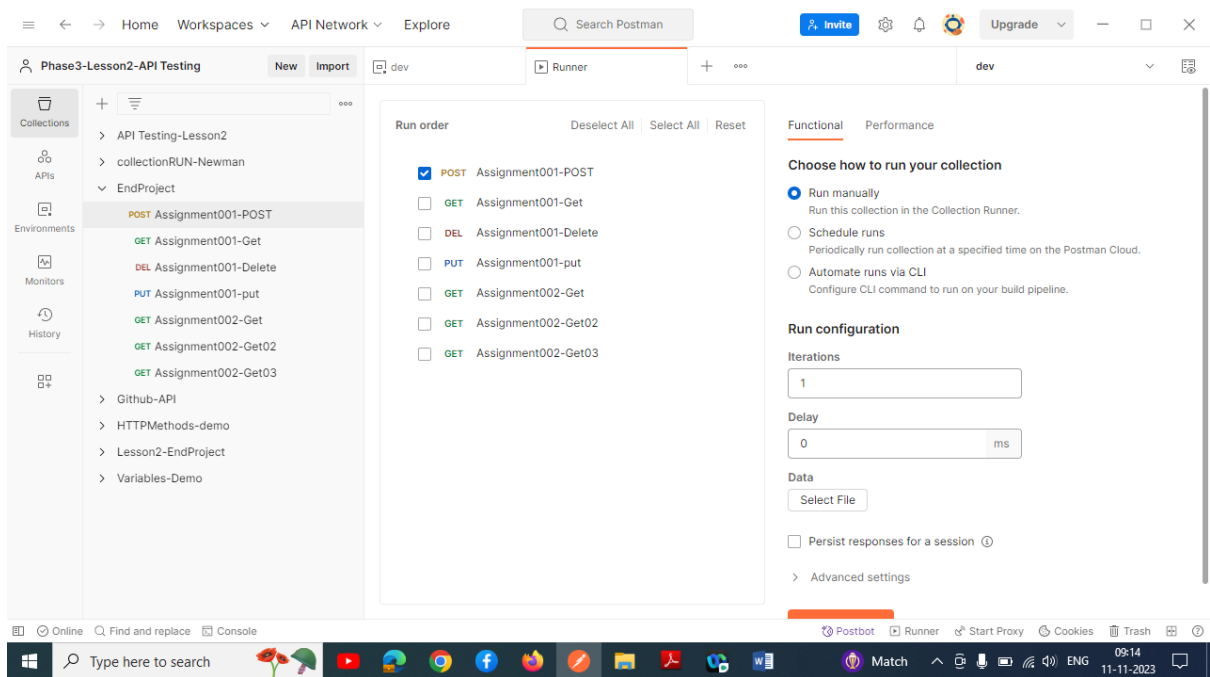
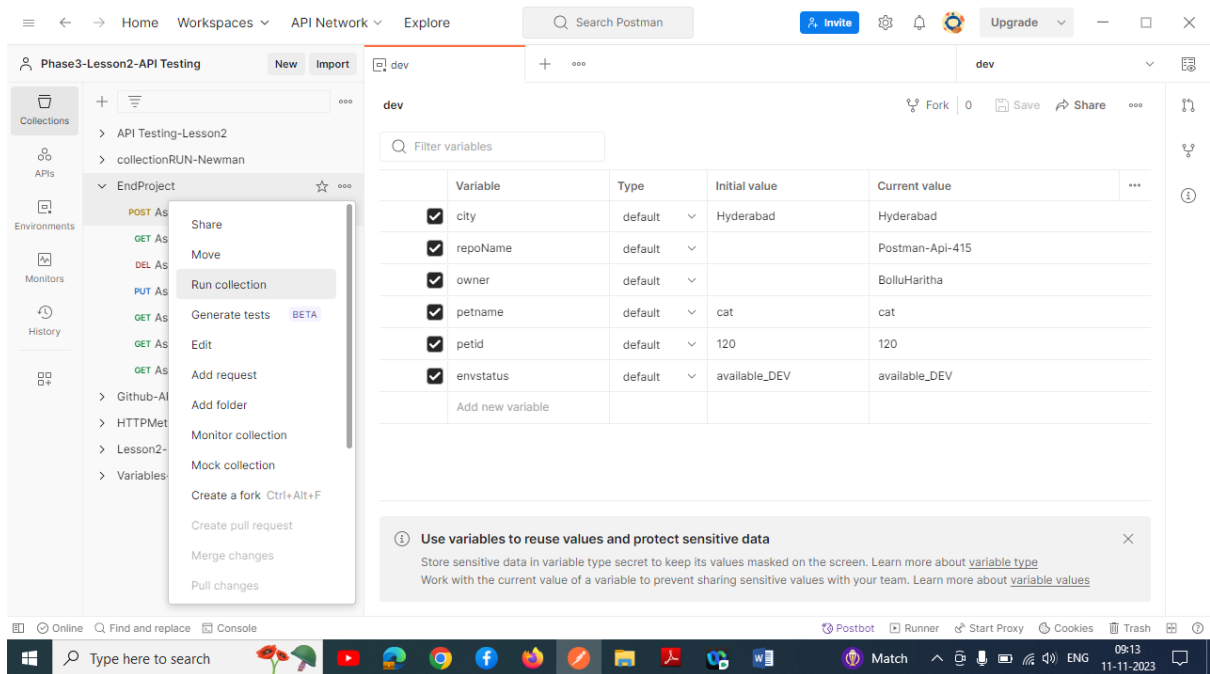
```
1 {
2   "id": 120,
3   "category": {
4     "id": 0,
5     "name": "string"
6   },
7   "name": "bee",
8   "photoUrls": [
9     "string"
10  ],
11 }
```



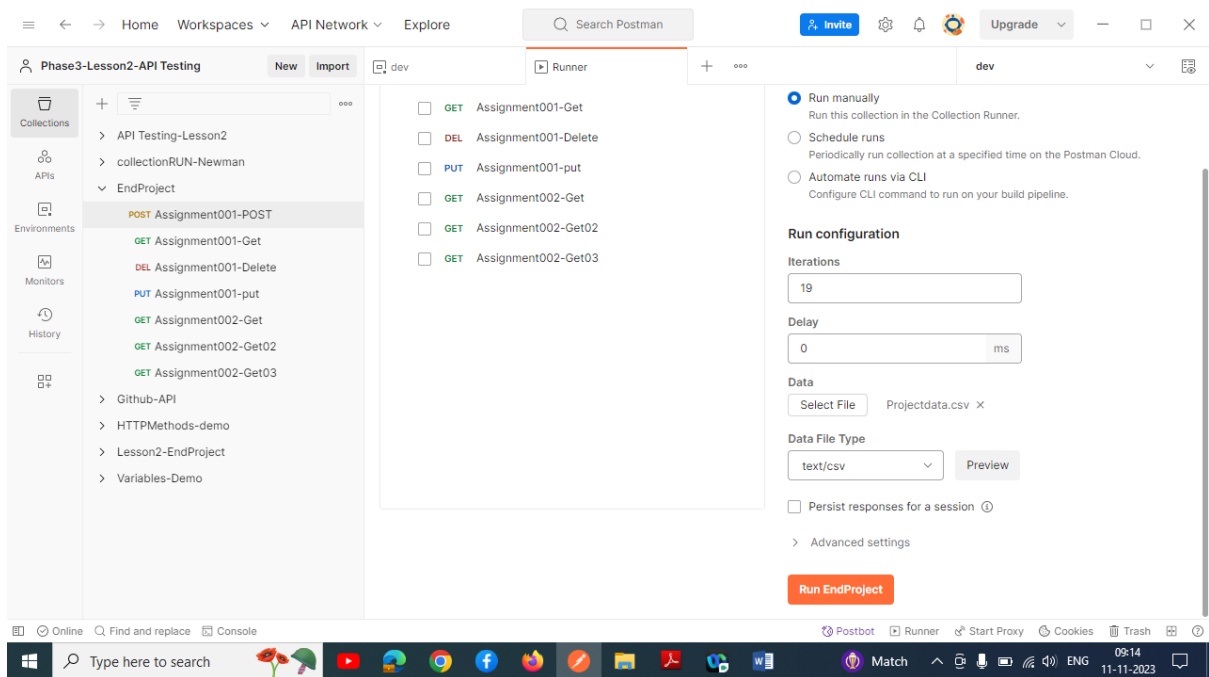
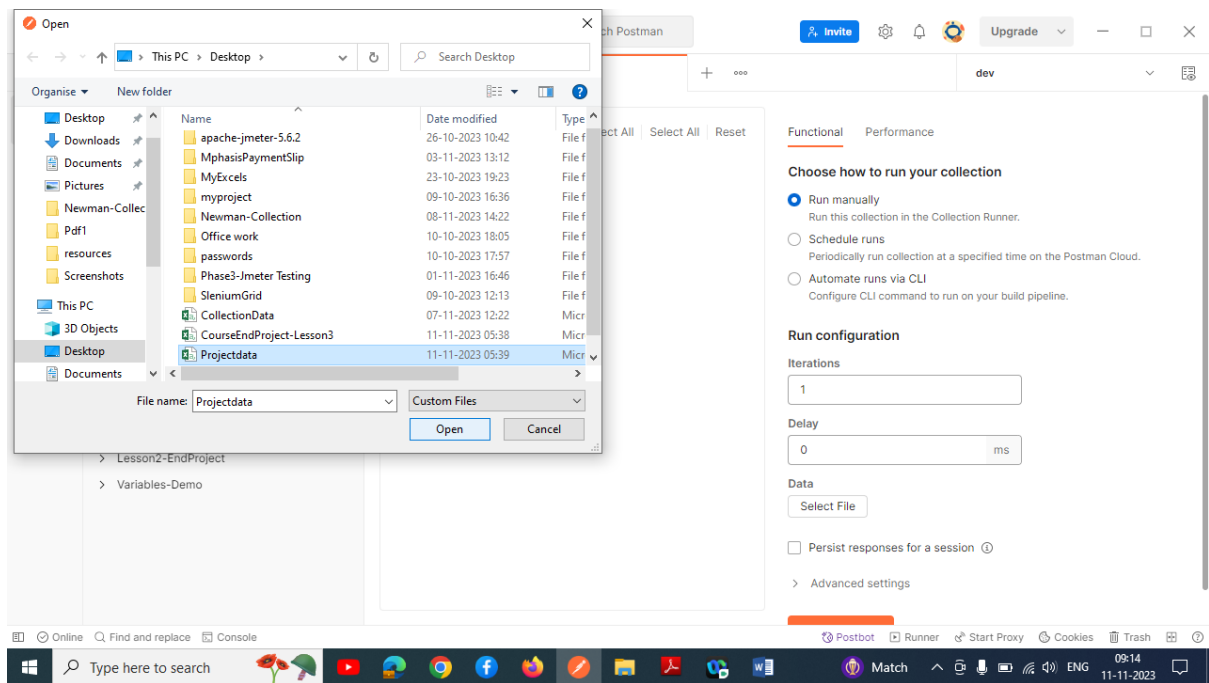
Delete petID:



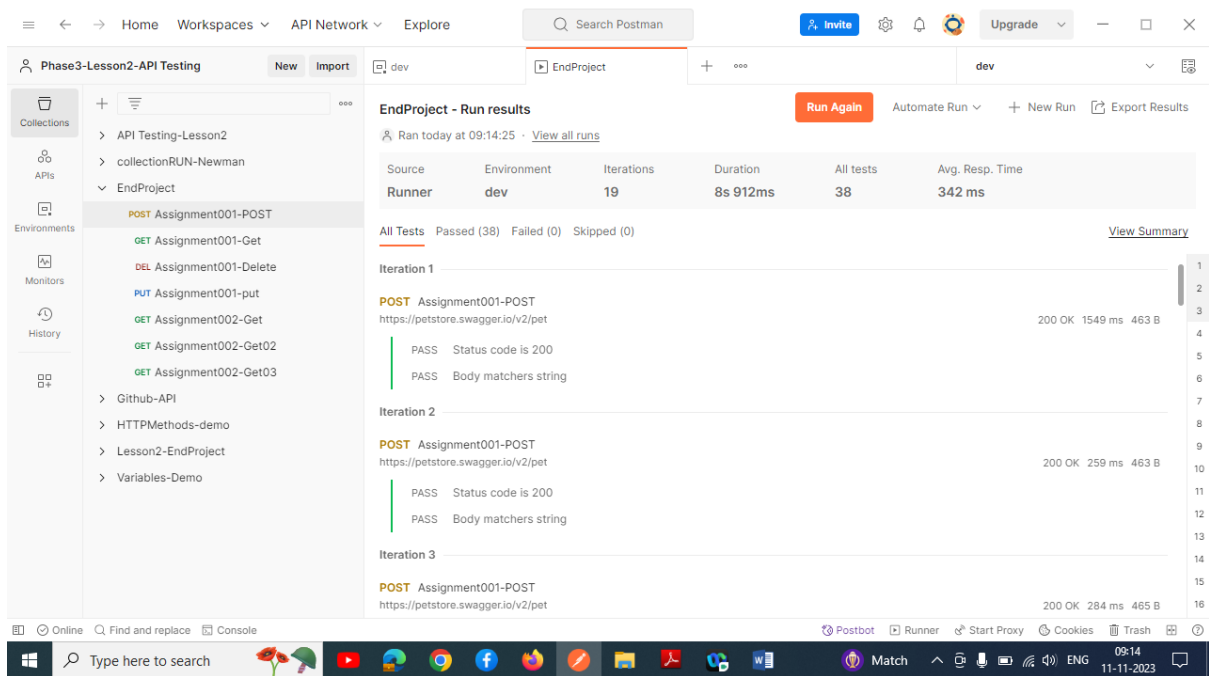
Steps to Run: ● In the EndProject click on Three dots RunCollection.



- In that Runner select the CSV file. And then run EndProject.



●EndProject-Run Results.



Postman Assignment 002:

- Hit a **PUT** call having service URL = <https://petstore.swagger.io/v2/pet/>

- PUT Call request JSON body:

```
{
  "id": 922337201690013000, "category": {
    "id": "{petid}",
    "name": "string",
    "name": "{petname}", "photourls": [
      "string"
    ], "tags": [
      {
        "id": 0,
        "name": "string"
      }
    ],
    "status": "{envstatus}"
  }
}
```

- Create 3 test Environments as DEV, QA, PROD. The PUT call JSON body **job** field should be parameterized and its value should change as per environment:

Dev environment:

Phase3-Lesson2-API Testing

dev

dev

Variable	Type	Initial value	Current value
city	default	Hyderabad	Hyderabad
repoName	default		Postman-Api-415
owner	default		BolluHaritha
petname	default	cat	cat
petid	default	120	120
envstatus	default	available_DEV	available_DEV

Use variables to reuse values and protect sensitive data

Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about [variable type](#)

Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about [variable values](#)

Prod Environment Variables:

Phase3-Lesson2-API Testing

dev

prod

dev

Variable	Type	Initial value	Current value
envstatus	default	available_PROD	available_PROD
petid	default	120	120
petname	default	cat	cat

Use variables to reuse values and protect sensitive data

Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about [variable type](#)

Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about [variable values](#)

QA Environment Variables:

Phase3-Lesson2-API Testing

dev prod QA

QA

Variable	Type	Initial value	Current value
city	default	New delhi	New delhi
envstatus	default	available_QA	available_QA
petid	default	120	120
petname	default	cat	cat

Use variables to reuse values and protect sensitive data

Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about [variable type](#)

Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about [variable values](#)

Phase3-Lesson2-API Testing

PUT Assignment001-put

prod

PUT

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

Params Authorization Headers (9) Body Pre-request Script Tests Settings

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

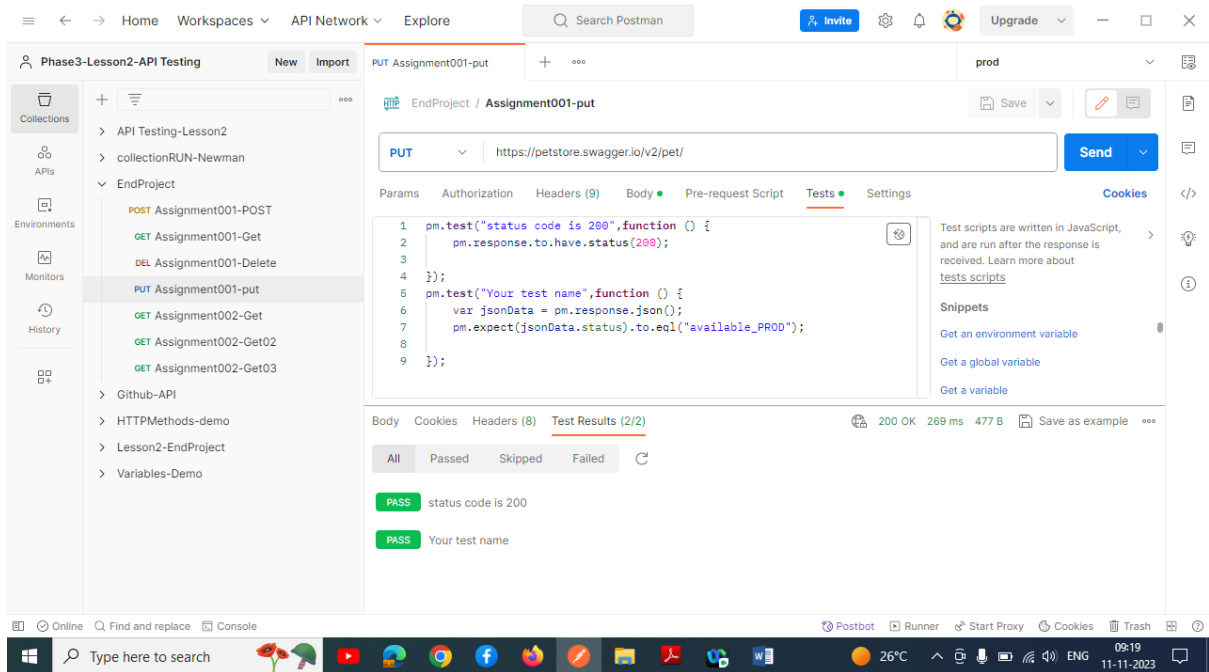
```
1 {
2   "id":922337281698013000,"category":{
3     "id": "{{petid}}",
4     "name": "string",
5     "name": "{{petname}}", "photourls":{
6       "string"
7     }, "tags":{
8       "id":0,
9       "name": "string"
10    },
11  },
12 },
13 "status": "{{envstatus}}"
14 }
```

Body Cookies Headers (8) Test Results (2/2)

200 OK 269 ms 477 B Save as example

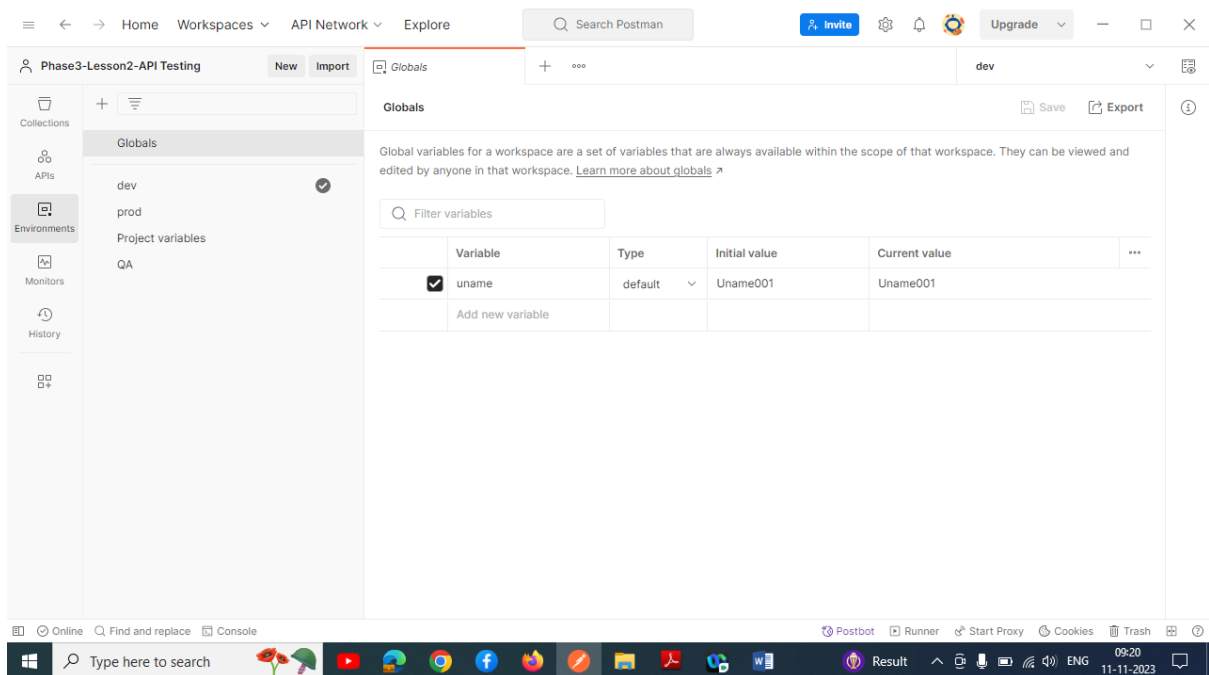
All Passed Skipped Failed

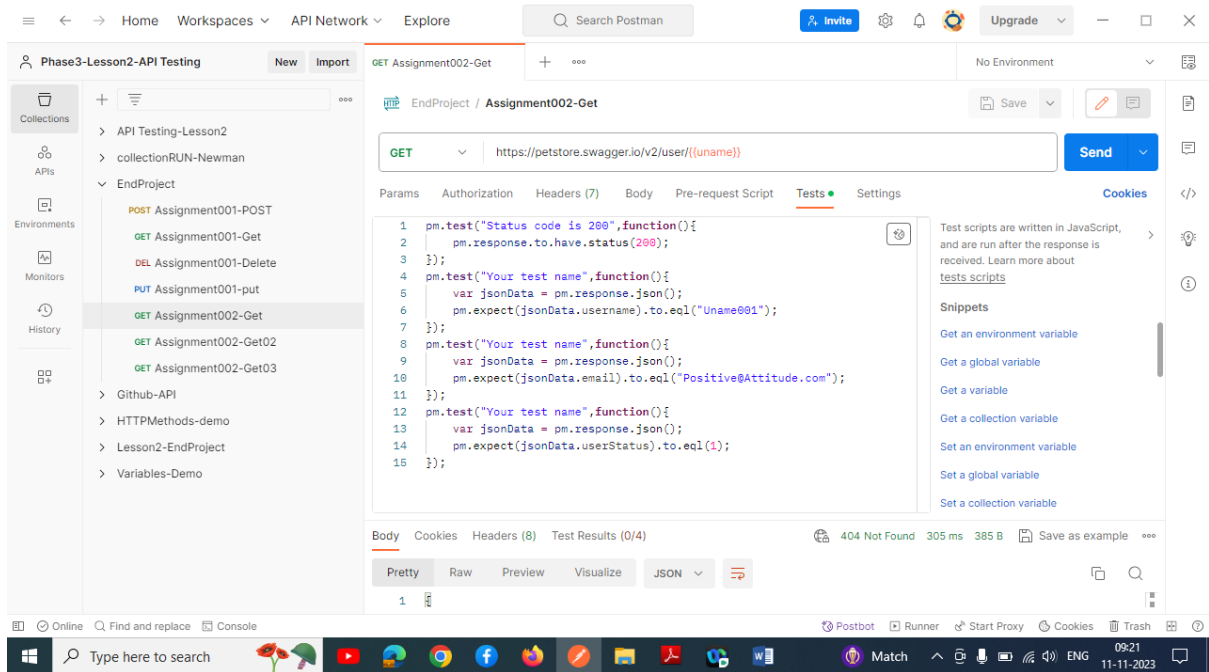
status code is 200



Postman Assignment 003:

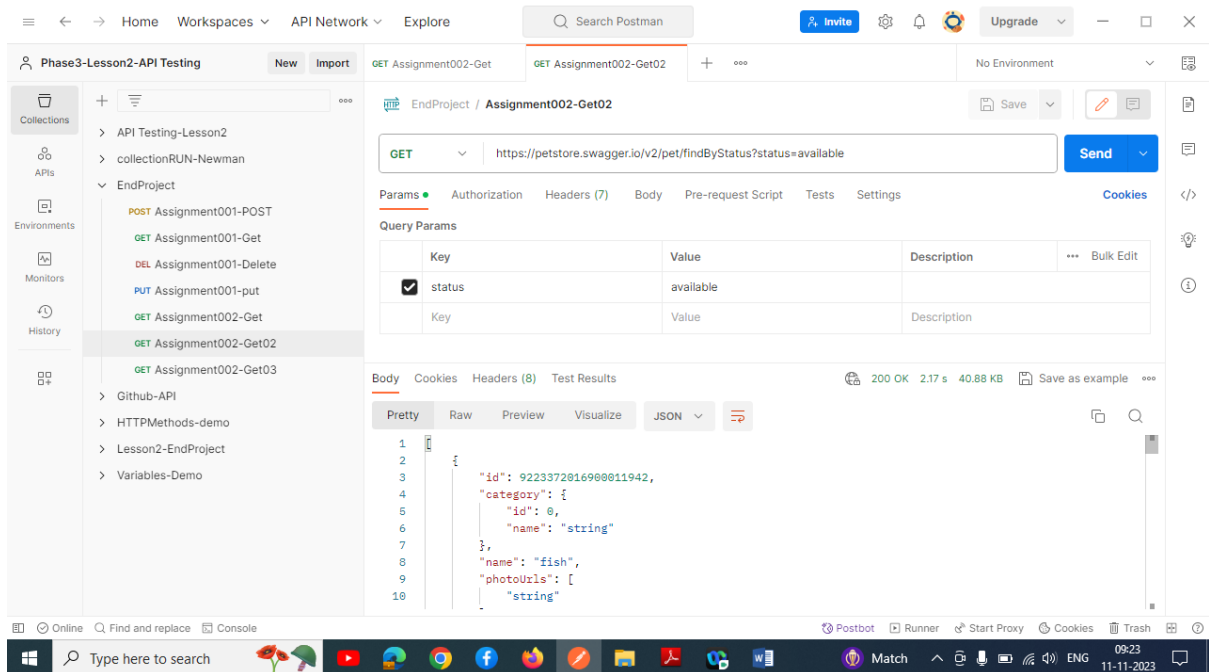
- Hit a **GET** call with URL: <https://petstore.swagger.io/v2/user/Una me001>
- Use **Uname001** as global parameter





Postman Assignment 004:

- Hit a **GET** call with URL: <https://petstore.swagger.io/v2/pet/findByStatus?status=available>



Postman Assignment 005:

- Hit a **GET** call with URL: <https://petstore.swagger.io/v2/user/logout>

HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

Phase3-Lesson2-API TestingNewImport

GET Assignment002-GetGET Assignment002-Get02GET Assignment002-Get03

No Environment

Collections

APIs

Environments

Monitors

History

+

API Testing-Lesson2

collectionRUN-Newman

EndProject

POST Assignment001-POST

GET Assignment001-Get

DEL Assignment001-Delete

PUT Assignment001-put

GET Assignment002-Get

GET Assignment002-Get02

GET Assignment002-Get03

Github-API

HTTPMethods-demo

Lesson2-EndProject

Variables-Demo

EndProject / Assignment002-Get03

GEThttps://petstore.swagger.io/v2/user/logout

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

BodyCookiesHeaders (8)Test Results

200 OK288 ms370 BSave as example

PrettyRawPreviewVisualizeJSON

```
1{"code": 200,
2  "type": "unknown",
3  "message": "ok"
4}
5
```

OnlineFind and replaceConsole

PostbotRunnerStart ProxyCookiesTrash

Type here to search

Match

09:2311-11-2023