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**EXECUTION GUIDELINES AND ACTUAL OUTPUTS:**

**STEP 1 :**

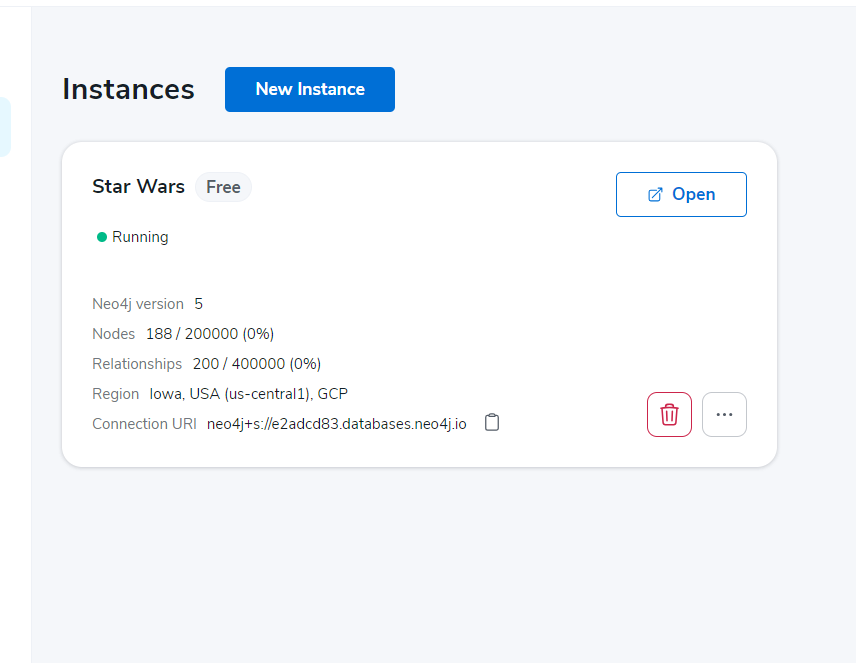
Firstly, I went through the neo4j auradb video, followed all the steps, and created 3 nodes.

Characters { name, height, mass, skin\_colors, hair\_colors, eye\_colors, birth\_year, gender, homeworld, species }

Species { name, classification, designation, average\_height, skin\_colors, hair\_colors, eye\_colors, average\_lifespan, language, homeworld }

Planets { name, rotation\_period, orbital\_period, diameter, climate, gravity, terrain, surface\_water, population }A screenshot of a computer

Description automatically generated with medium confidence

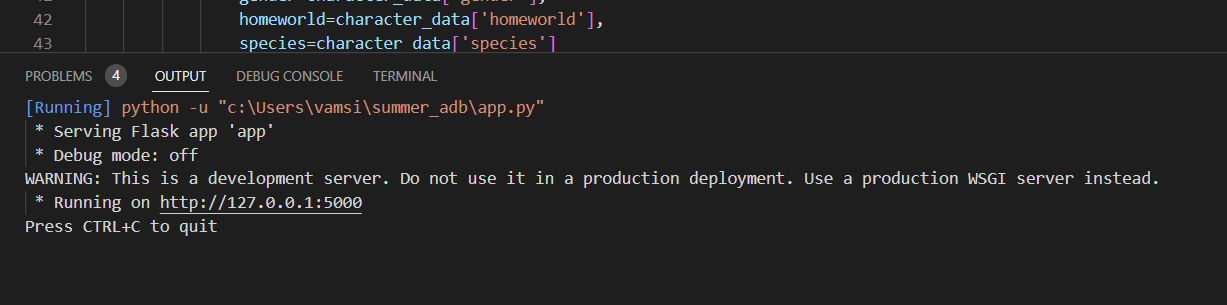


A picture containing text, screenshot, diagram, line

Description automatically generated

**STEP 2 :**

Run the code , you will get output



Copy the 127.0.0.1:5000 number to execute in postman

**STEP 3**: I wrote a code for get all characters, get character by name, delete character,insert character, update character

**1.GET\_ALL\_CHARACTERS:**

\*open postman: method: GET 127.0.0.1:5000/chars , Then click on send

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**2.GET\_CHARACTER\_BY\_NAME :**

In the above we got all the information copy any name , if that name having spaces,replace

Space with %20

Example :

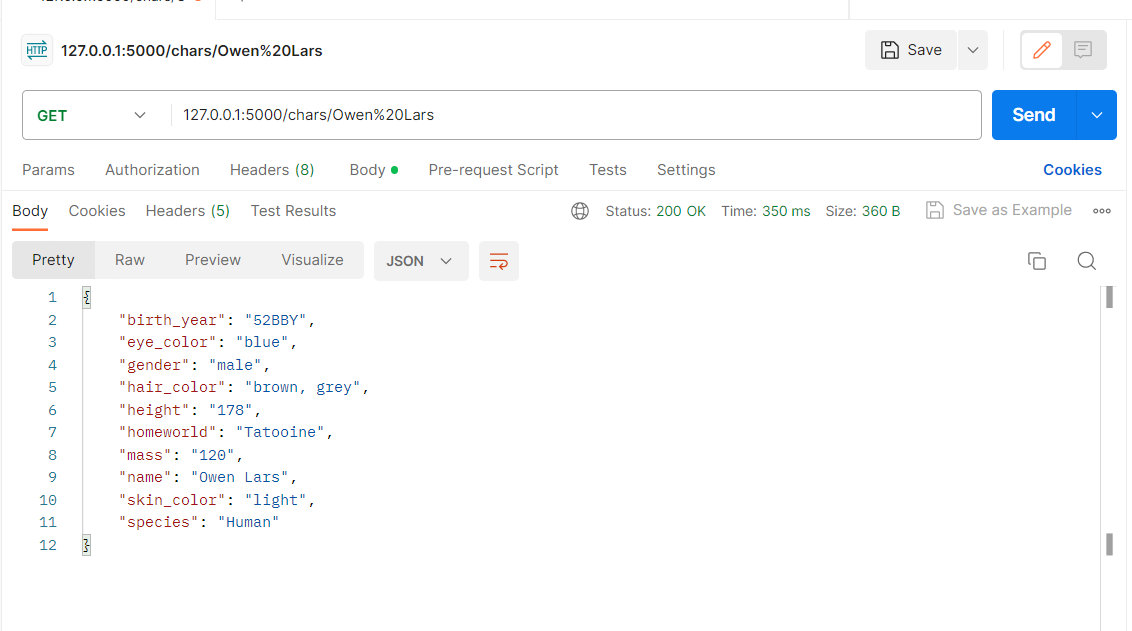
I copied this name ,which having space :

**Owen Lars**

**TO**

**Owen%20Lars**

**Method : GET 127.0.0.1:5000/chars/Owen%20Lars**

****

**3. DELETE CHARACTER USING NAME :**

METHOD : DELETE 127.0.0.1:5000/chars/Owen%20Lars CLECK ON SEND

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To check whether your character was deleted or not try again with the same name to delete

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Character not found means ,character deleted successfully

**4.INSERT NEW CHARACTER :**

METHOD: POST 127.0.0.1:5000/chars

AND SELECT **BODY**

IN THAT SELECT **RAW**

IN THAT DROP DOWN SELECT **JSON**

In the body you must provide new character information

{

"name": "Lufgke Skywalker",

"height": "172",

"mass": "77",

"skin\_colors": "fair",

"hair\_colors": "blond",

"eye\_colors": "blue",

"birth\_year": "19BBY",

"gender": "male",

"homeworld": "Tatooine",

"species": "Human"

}

Click on send.

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Try to insert the same name, when I am creating a characters node in neo4j aura dB I gave the name as id which means the name should be unique, so in that body write the already existing name.

{

"name": "Luke Skywalker",

"height": "172",

"mass": "77",

"skin\_colors": "fair",

"hair\_colors": "blond",

"eye\_colors": "blue",

"birth\_year": "19BBY",

"gender": "male",

"homeworld": "Tatooine",

"species": "Human"

}

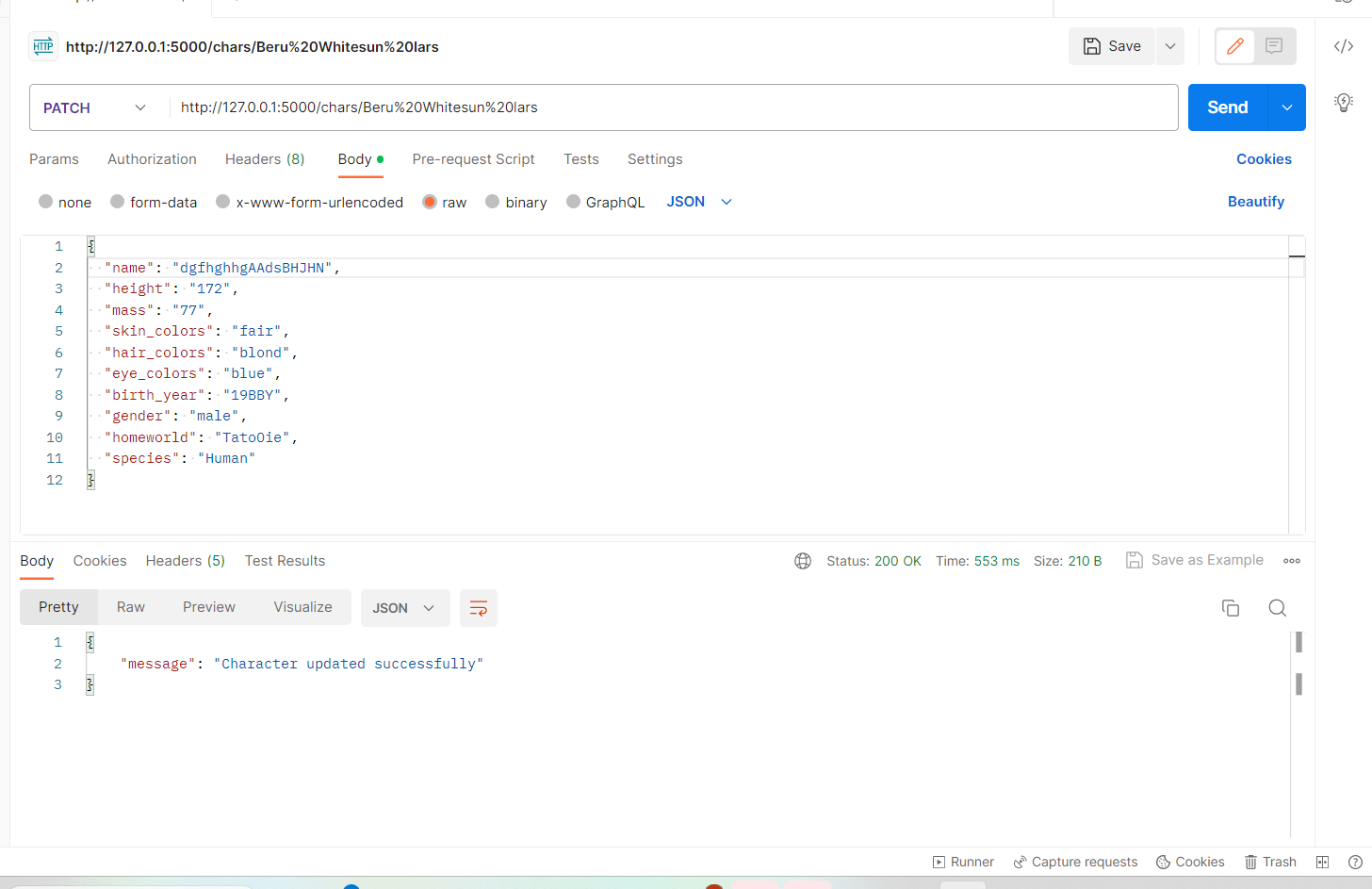
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**5.UPDATE CHARACTER INFORMATION**

Method : PATCH <http://127.0.0.1:5000/chars/Beru%20Whitesun%20lars>

Select body , raw and json ,write update information (like below image),click on send



To see whether data updated or not using get character by name api

A screenshot of a computer

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