**A] Create a simple REST API using Flask or FastAPI with CRUD (Create, Read, Update and Delete) operations for a "To-Do List" application.**

=>

1] Create a new file.

2] Install Flask from your terminal.

CODE:

pip install flask (if you are on windows or linux).

3] CODE:

4] Save the code.

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*NOTE: Make sure you are using a correct python interpreter.*

*Steps on how to choose a Python Interpreter:*

*I] Press ctrl+shift+P’ if you are on windows or linux.*

*II] Type Python: Select Interpreter.*

*III] Choose global version.*

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**B] Test the API using Postman or curl.**

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*NOTE: you will have 2 terminals running*

*On one terminal: write python Pract2 to execute (if you are on windows or linux)*

*Go to the http address where your server is running by pressing ctrl and clicking on the link:*

*Next, open new bash terminal wherein you will do your CRUD operations for the RESTAPI.*

*Open new powershell.*

*}*

4] To check with curl:

**Create a To-Do**

In Powershell:  
curl.exe -X POST http://127.0.0.1:5000 -H "Content-Type: application/json" -d '{\"id\": 1, \"title\": \"Learn Flask\", \"completed\": false}'

**Get All To-Dos**

In Powershell:

curl.exe http://127.0.0.1:5000

**Get One To-Do**

In Powershell:

curl.exe http://127.0.0.1:5000/1

**Update To-Do**

In Powershell:

curl.exe -X PUT http://127.0.0.1:5000/1 -H "Content-Type: application/json" -d '{\"id\": 1, \"title\": \"Learn Flask\", \"completed\": true}'

**Delete To-Do**

In Powershell:

curl.exe -X DELETE http://127.0.0.1:5000/1

>> In terminal 1 press ’ctrl+C’ to end the running program.

**TO DO:**

Check the outcome for every instance above.