

Algorithmic and advanced Programming in Python

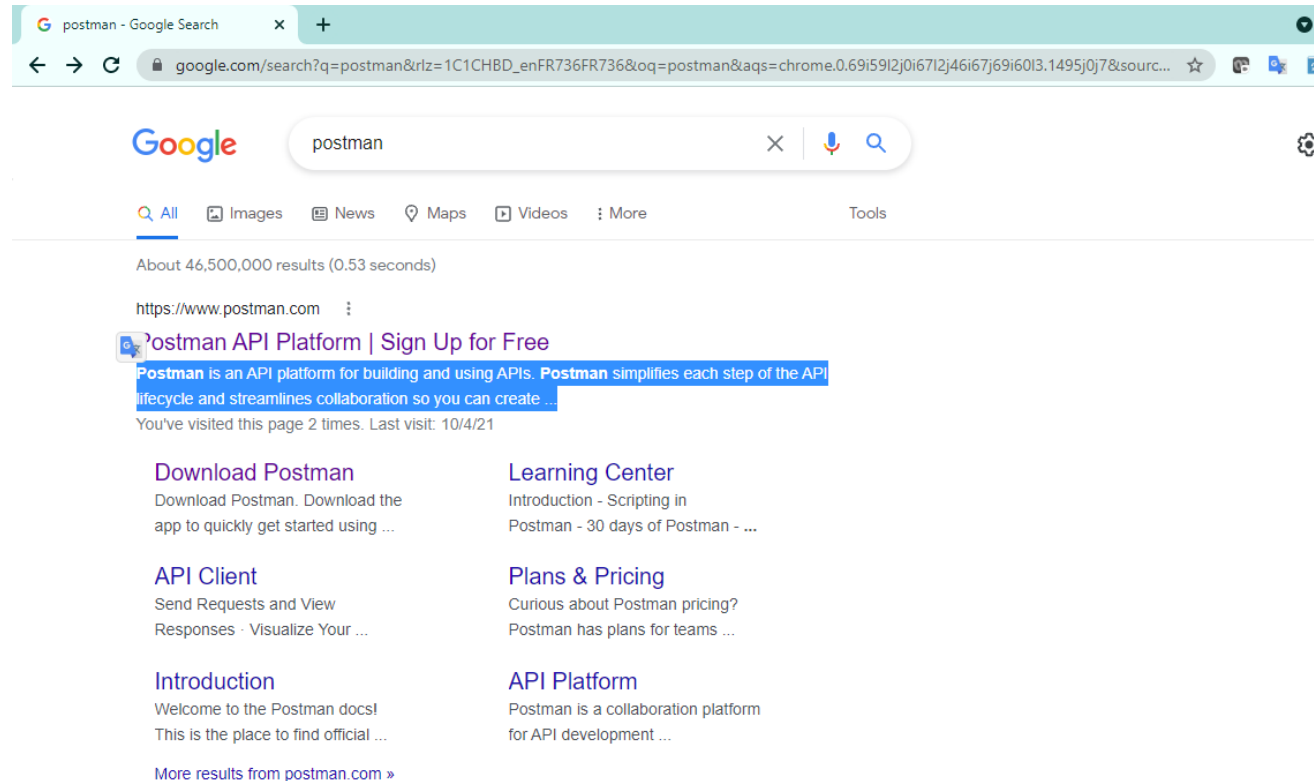
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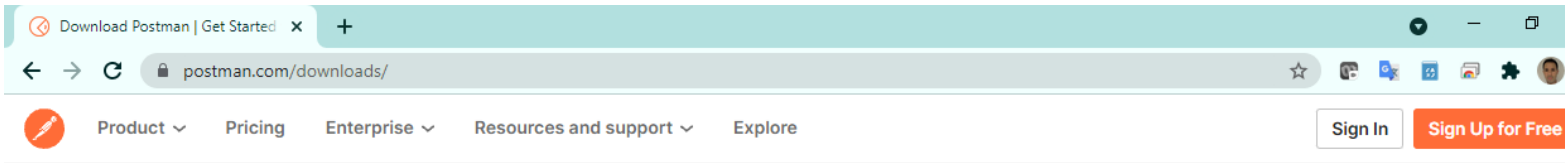
Let us play manually with postman

Postman is an API platform for building and using APIs. **Postman** simplifies each step of the API lifecycle and streamlines collaboration so you can create easily REST request

Download and install postman



Download the app 1/2



Download Postman

Download the app to quickly get started using the Postman API Platform. Or, if you prefer a browser experience, you can try the new web version of Postman.

The Postman app

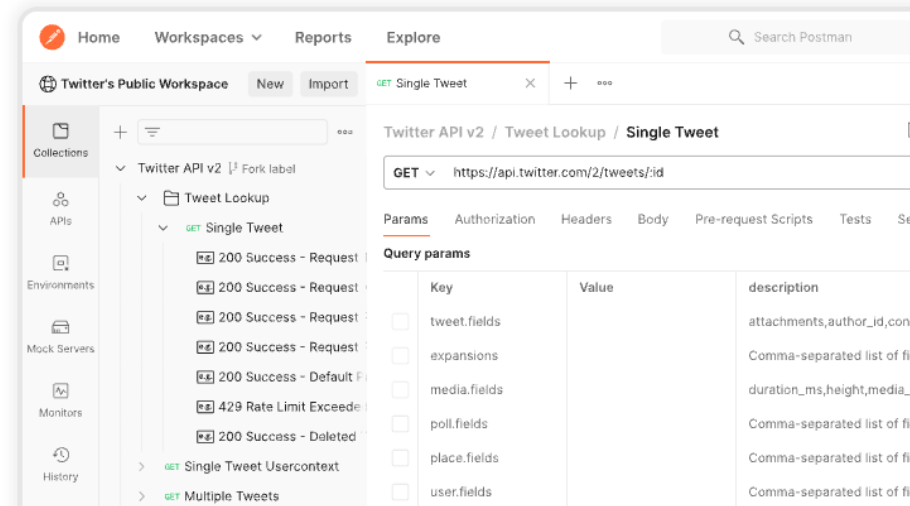
The ever-improving Postman app (a new release every two weeks) gives you a full-featured Postman experience.

[Download the App](#)

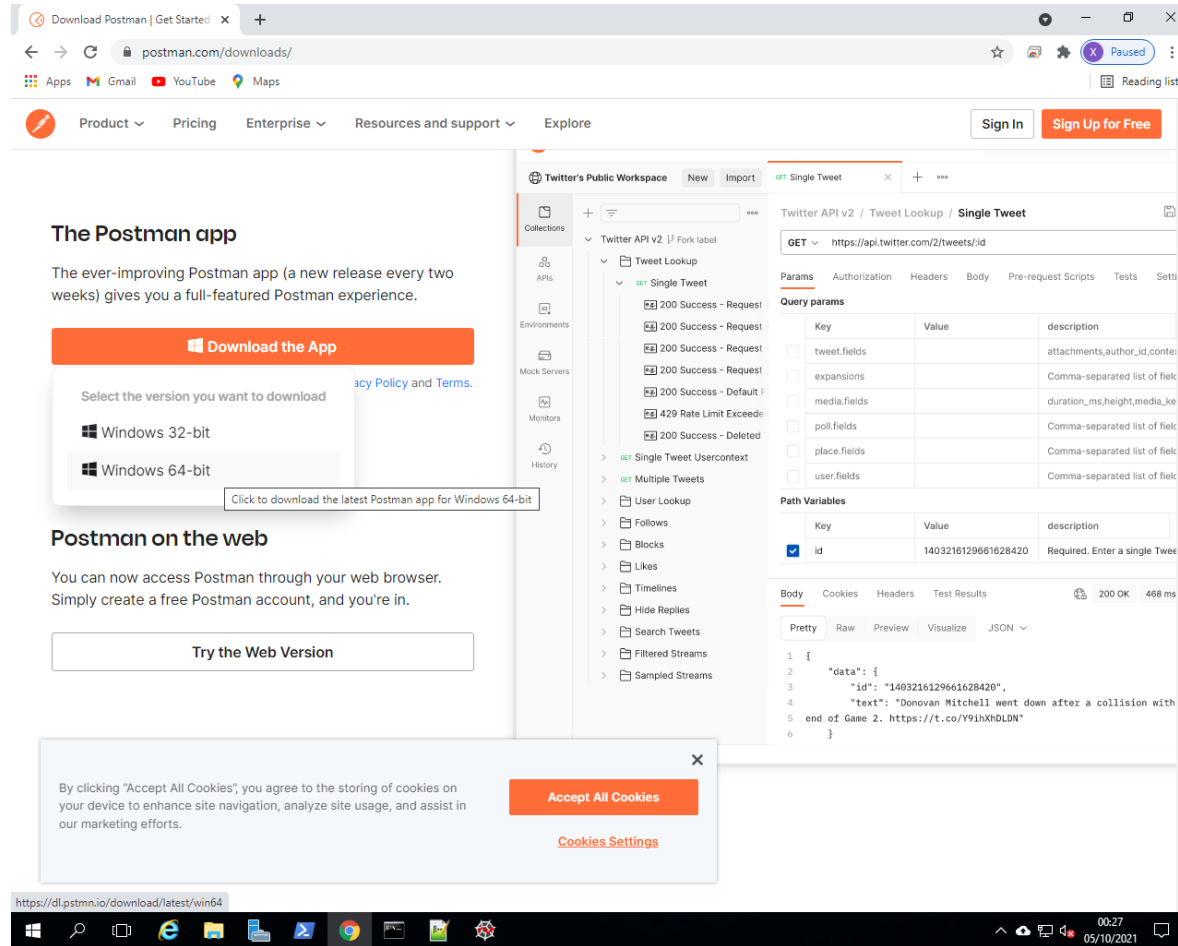
By downloading and using Postman, I agree to the [Privacy Policy](#) and [Terms](#).

Version 8.12.4 · [Release Notes](#) · [Product Roadmap](#)

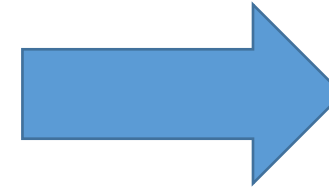
Not your OS? Download for Mac (macOS) or Linux (x64)



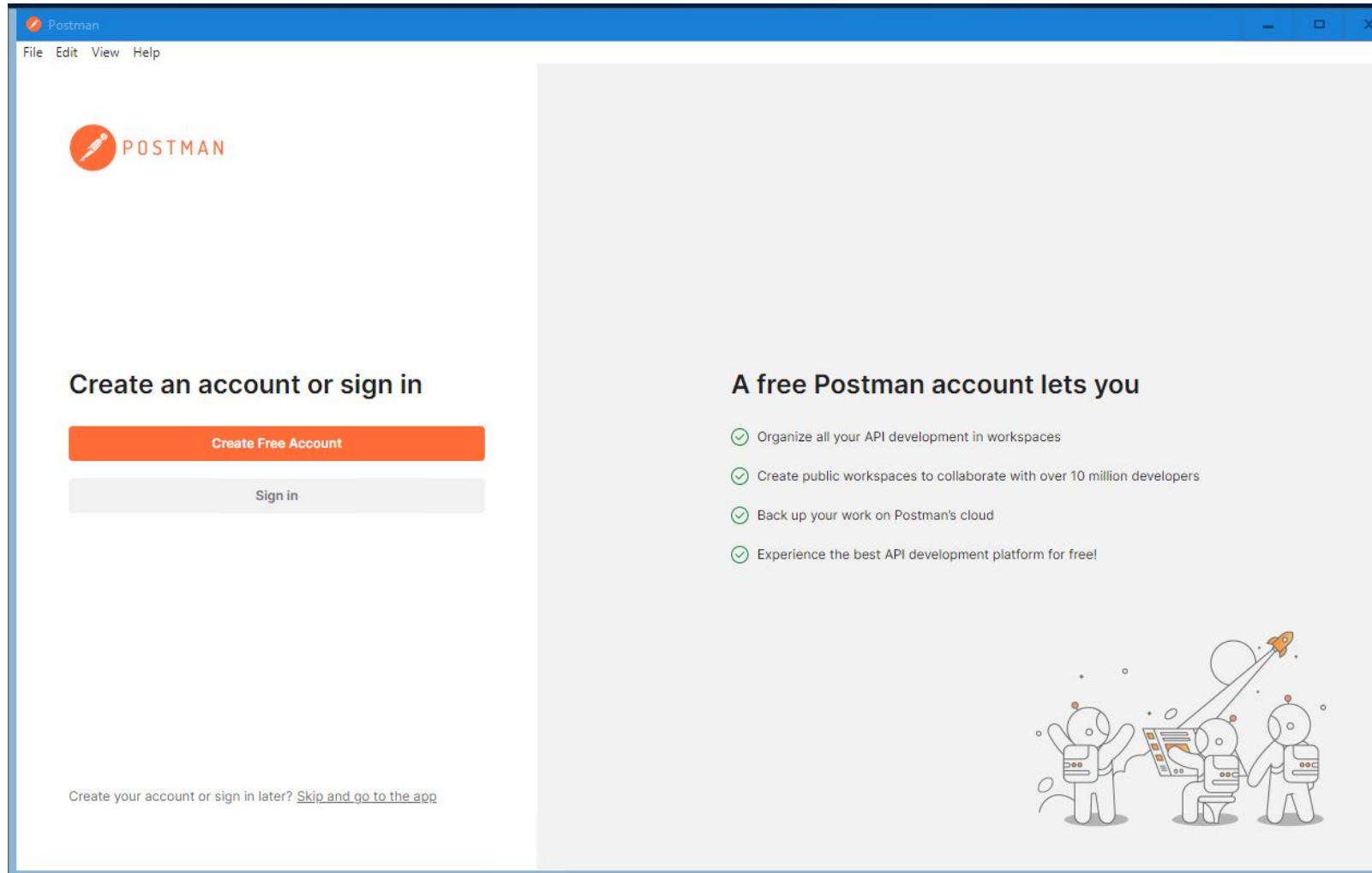
Download the app 2/2



In your desktop



Create an account



Create your first post request

The screenshot shows the Postman application interface. At the top, there's a header with the Postman logo, a menu (File, Edit, View, Help), and navigation tabs (Home, Workspaces, Reports, Explore). A search bar labeled 'Search Postman' is on the right. Below the header, the 'My Workspace' section is active. The 'New' button is circled in red. The left sidebar shows a list of collections: Benchmarks API, Flask API (highlighted), Funds, and Reporting. The main area displays the 'My Workspace' overview, including a summary, a table of workspace statistics (4 Collections, 0 APIs, 0 Environments, 0 Mock Servers, 0 Monitors), an activity feed, and a 'Get started' section with links to create requests, collections, APIs, and environments. The 'Sharing' section shows the visibility is set to 'Personal'.

Postman

File Edit View Help

Home Workspaces Reports Explore

Search Postman

Invite

My Workspace

New Import

Collections

APIs

Environments

Mock Servers

Monitors

History

Benchmarks API

Flask API

Funds

Reporting

My Workspace

Add summary to briefly explain what this workspace is all about...

This is your personal, private workspace to play around in. Only you can see the collections and APIs you create here - unless you share them with your team.

In this workspace

4	0	0	0	0
Collections	APIs	Environments	Mock Servers	Monitors

Activity

User Entity Refresh

Today

- Eric edited the Flask API collection. View Changelog
8 mins ago
- Eric shared the Flask API collection to this workspace
11 mins ago
- Eric added the Flask API collection
11 mins ago

Get started

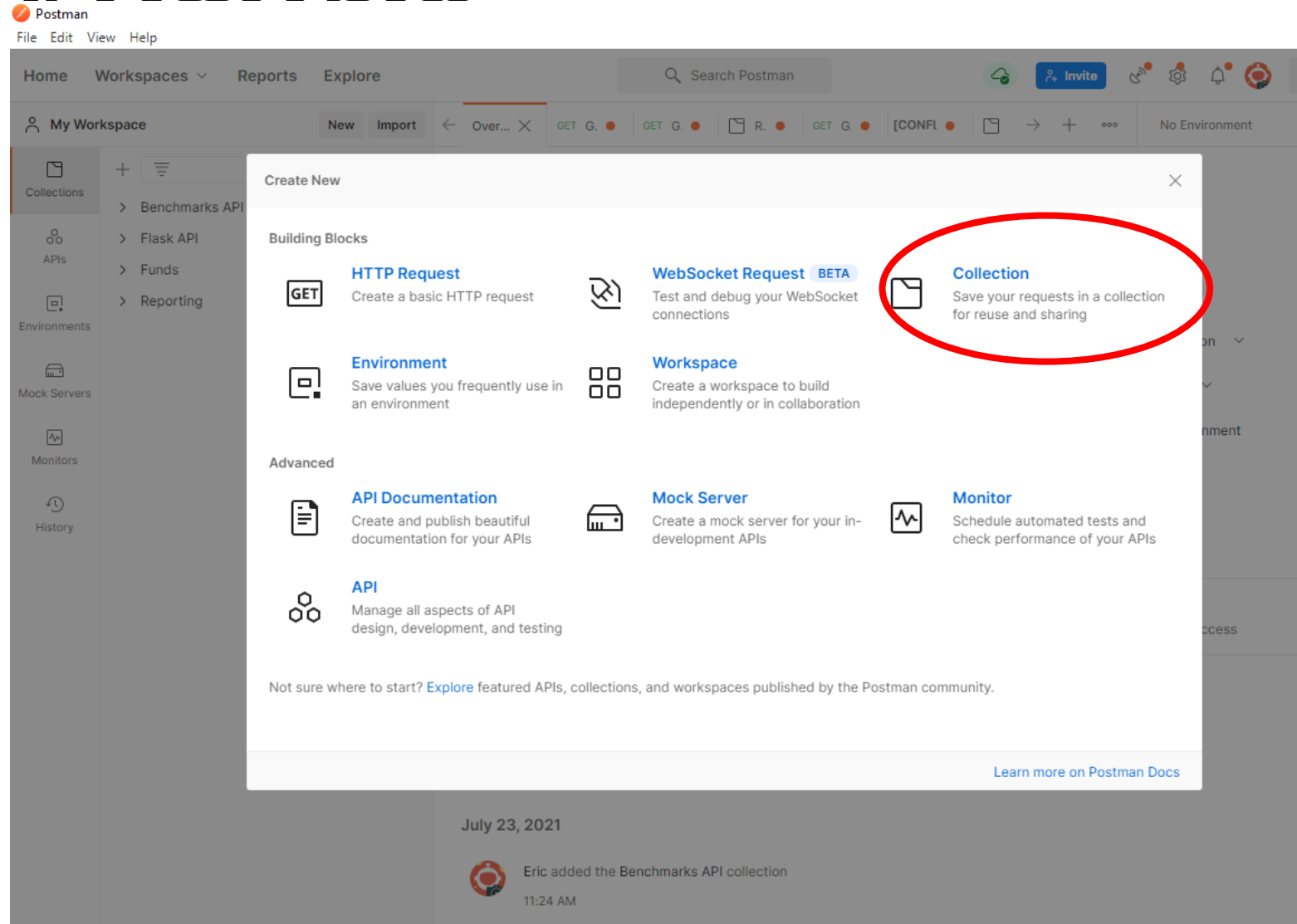
- Create a request
- Create a collection
- Create an API
- Create an environment
- View More

Sharing

Visibility

Personal Only you can access

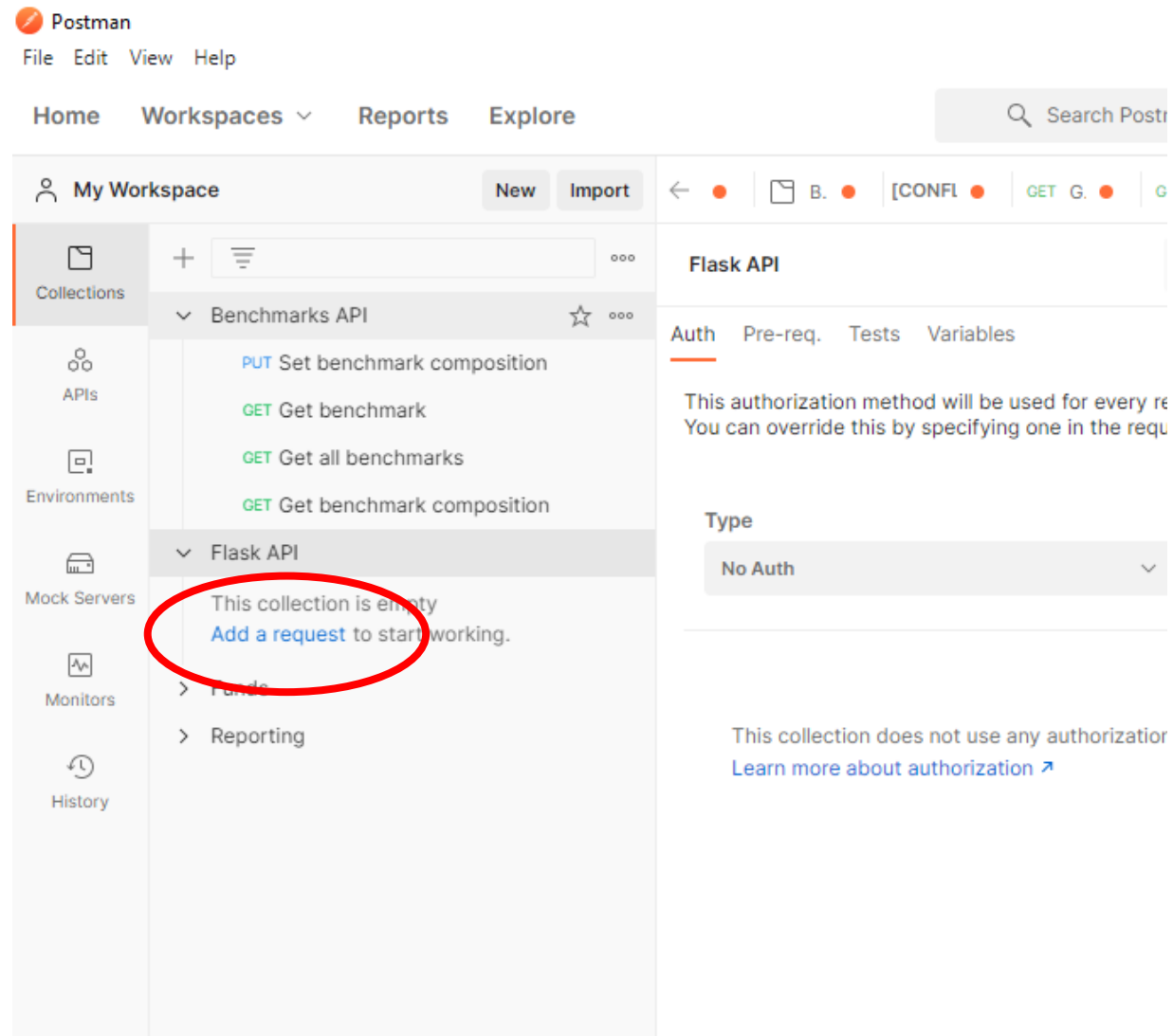
Create a collection



Give a name to your collection

The screenshot displays the Postman application interface. At the top, there is a menu bar with 'File', 'Edit', 'View', and 'Help'. Below this is a navigation bar with 'Home', 'Workspaces', 'Reports', and 'Explore'. A search bar labeled 'Search Postman' is positioned on the right. The main workspace is divided into three sections. On the left, a sidebar shows 'My Workspace' with a 'New' button and an 'Import' button. Below these are icons for 'Collections', 'APIs', 'Environments', 'Mock Servers', 'Monitors', and 'History'. The 'Collections' section is expanded, showing a list of collections: 'Benchmarks API', 'Flask API', 'Funds', and 'Reporting'. The 'Flask API' collection is highlighted with a red circle. The middle section shows the details of the 'Flask API' collection, including tabs for 'Auth', 'Pre-req.', 'Tests', and 'Variables'. The 'Auth' tab is selected, showing a message: 'This authorization method will be used for every request in this collection. You can override this by specifying one in the request.' Below this, there is a 'Type' dropdown menu set to 'No Auth'. The right section is titled 'Documentation' and contains a message: 'Make things easier for you collection description.'

Add a request



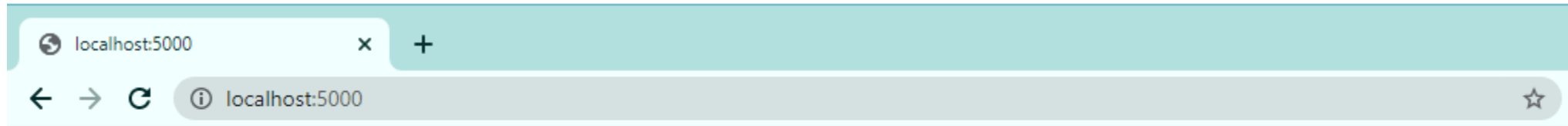
Run your server

- Run 3.4 create routes.py in python or in spyder or in pycharm
- Ensure that you have added a function to see if this is running like this

```
@app.route("/")  
def home():  
    return "<h1>API Running</h1>"
```

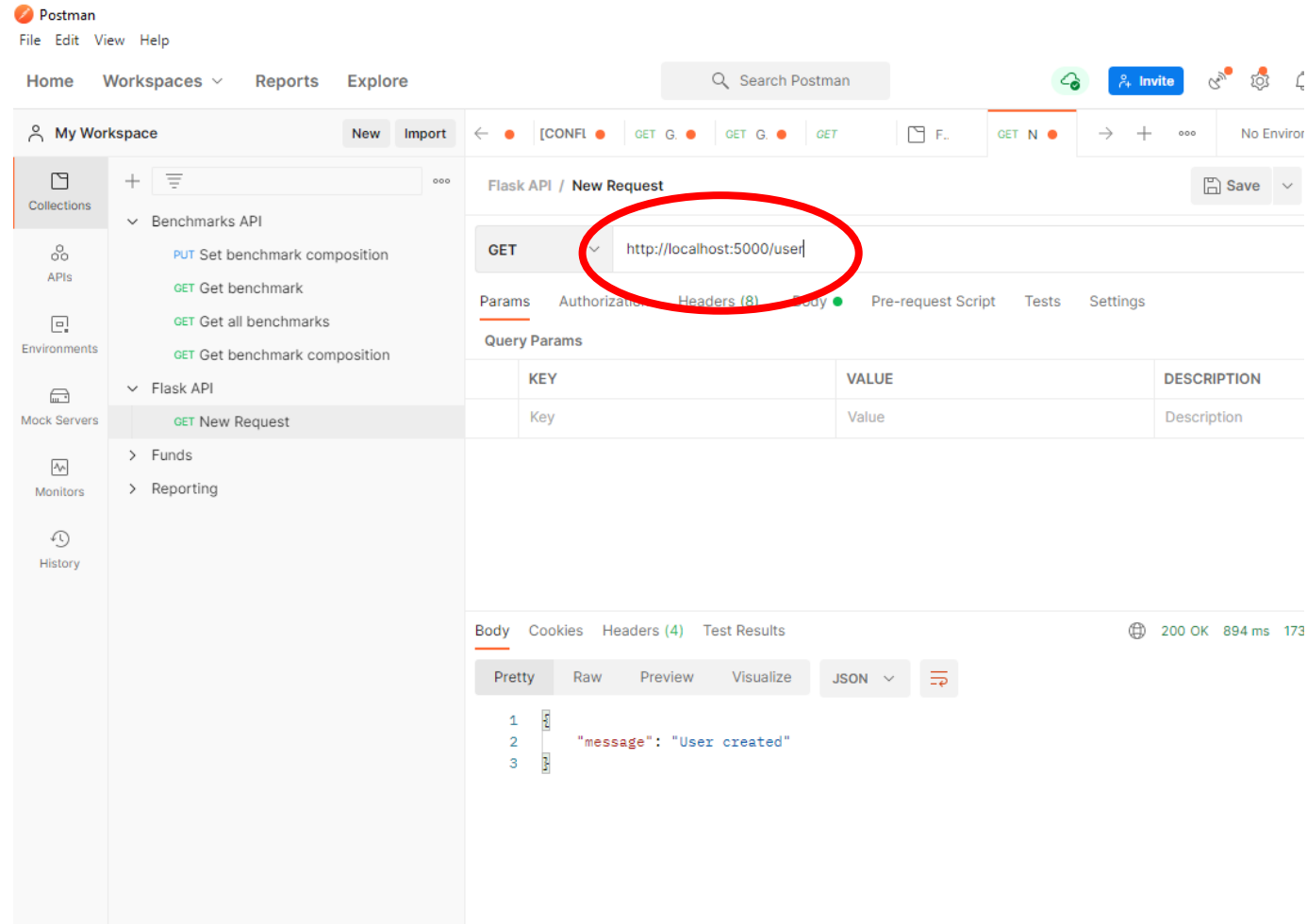
- You should see that the local host is working and get something like

Ensure the API server is running

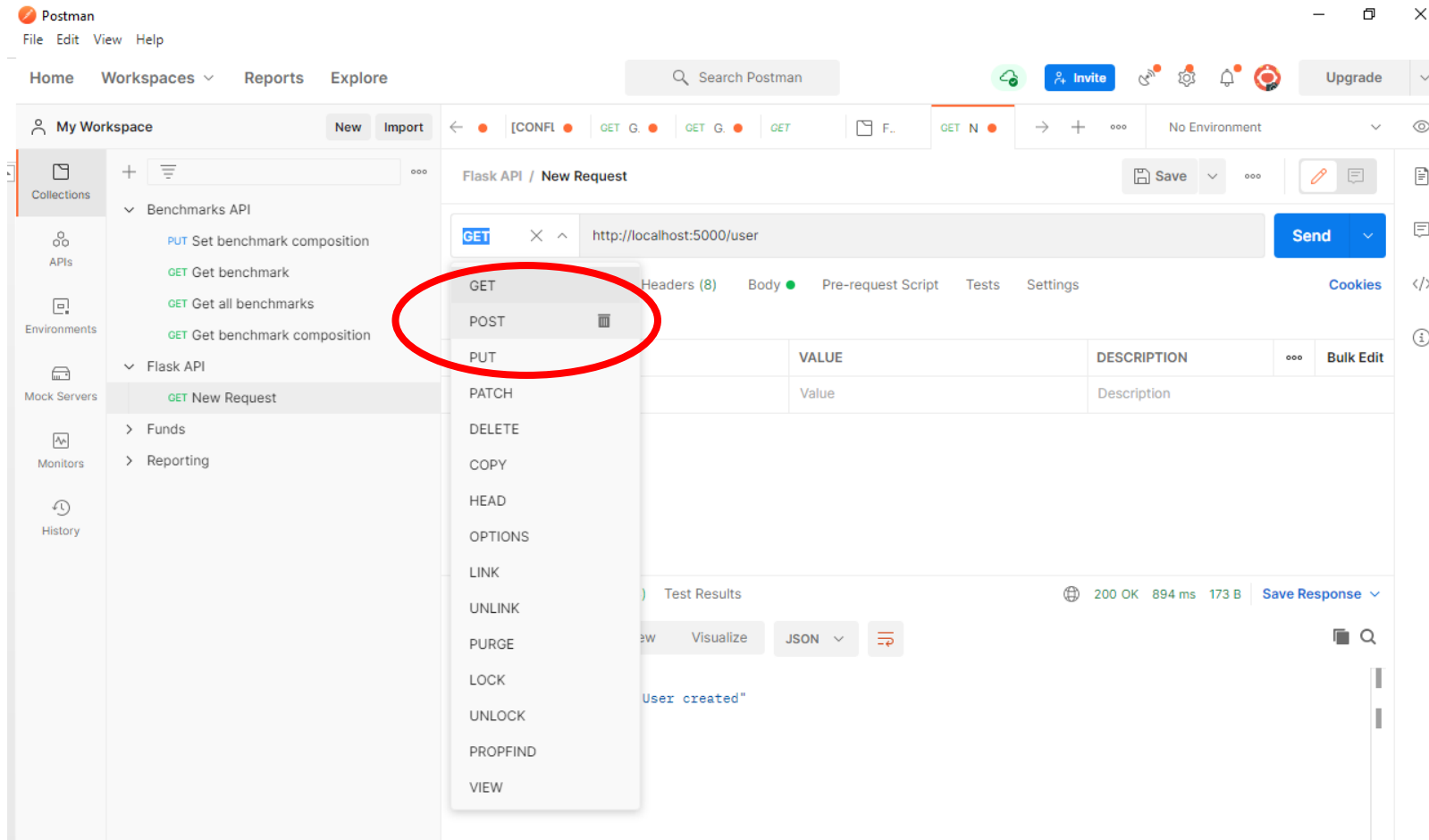


API Running

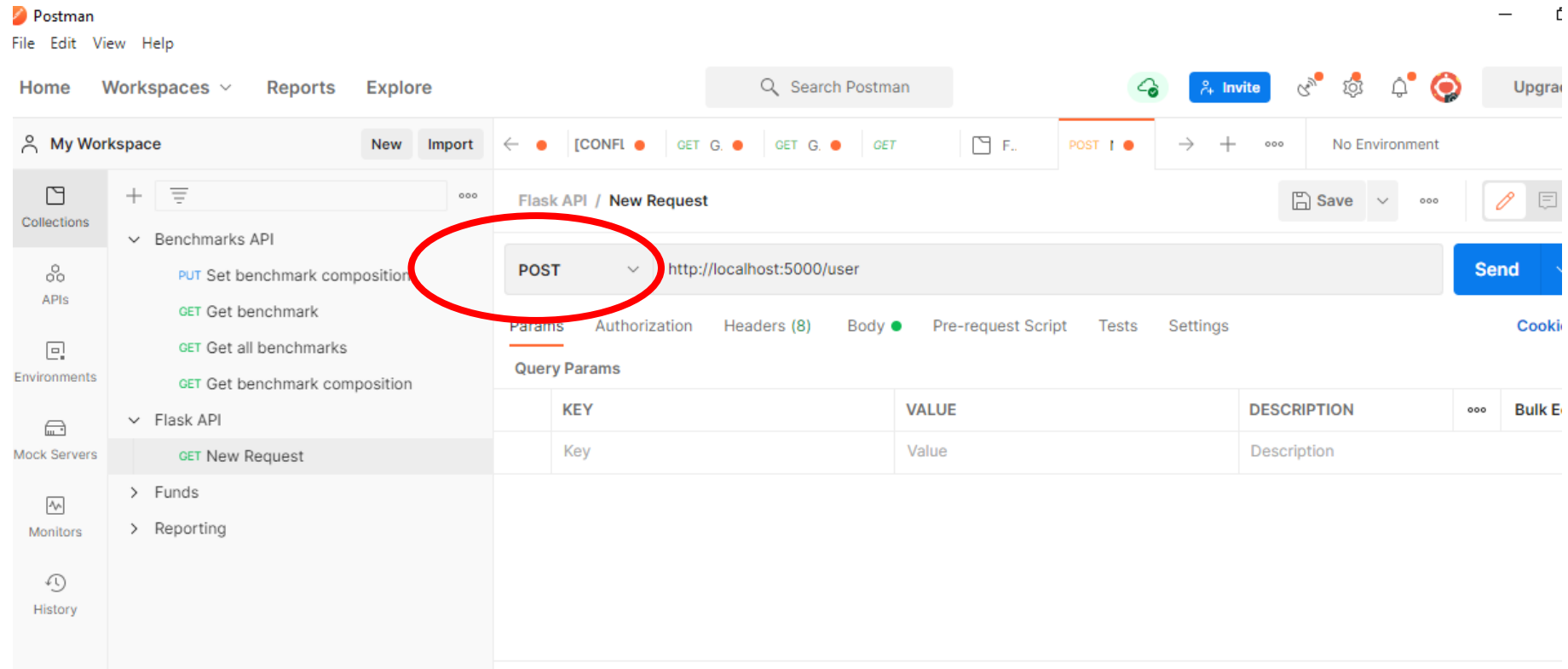
Type the correct url in postman



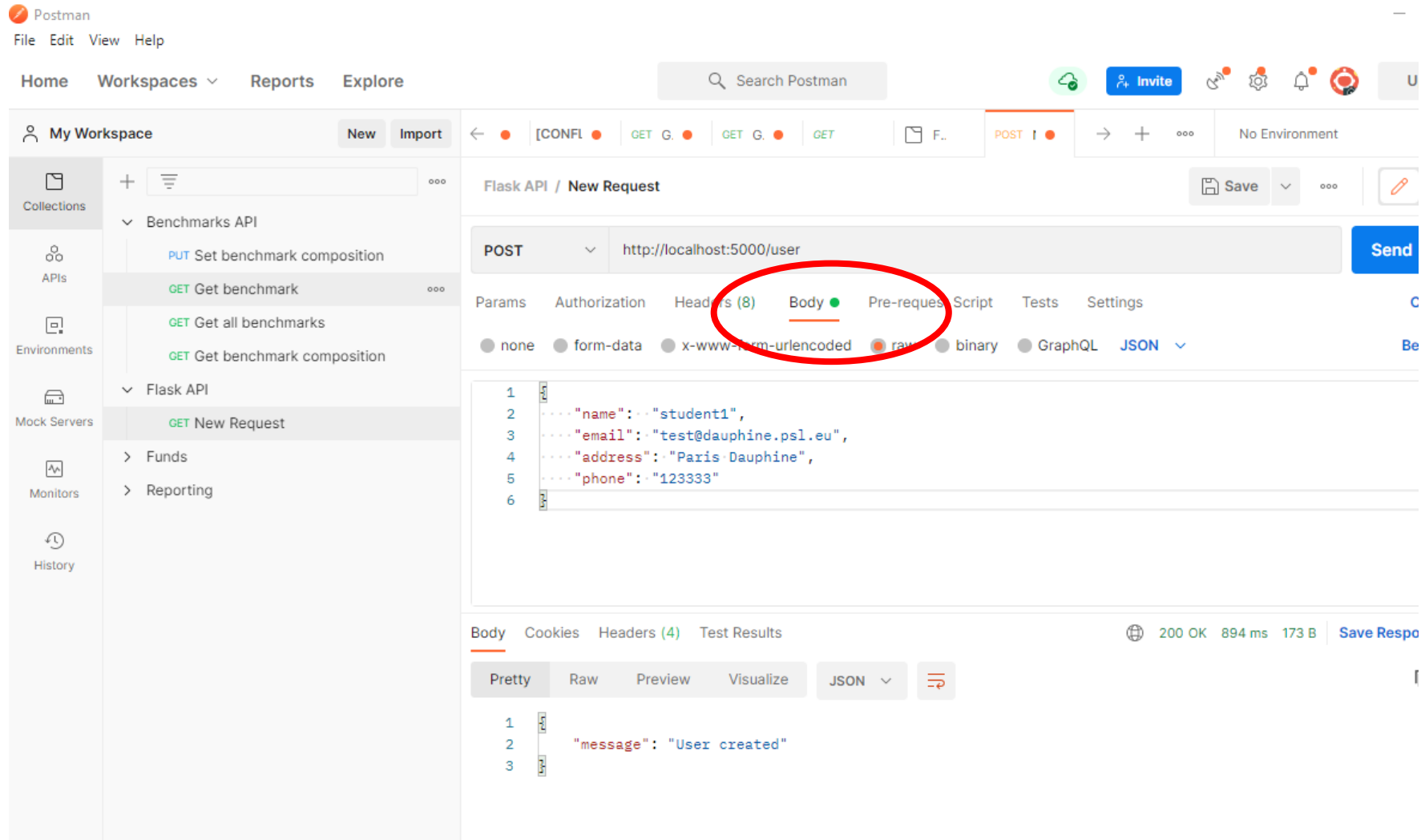
Change the GET to POST request



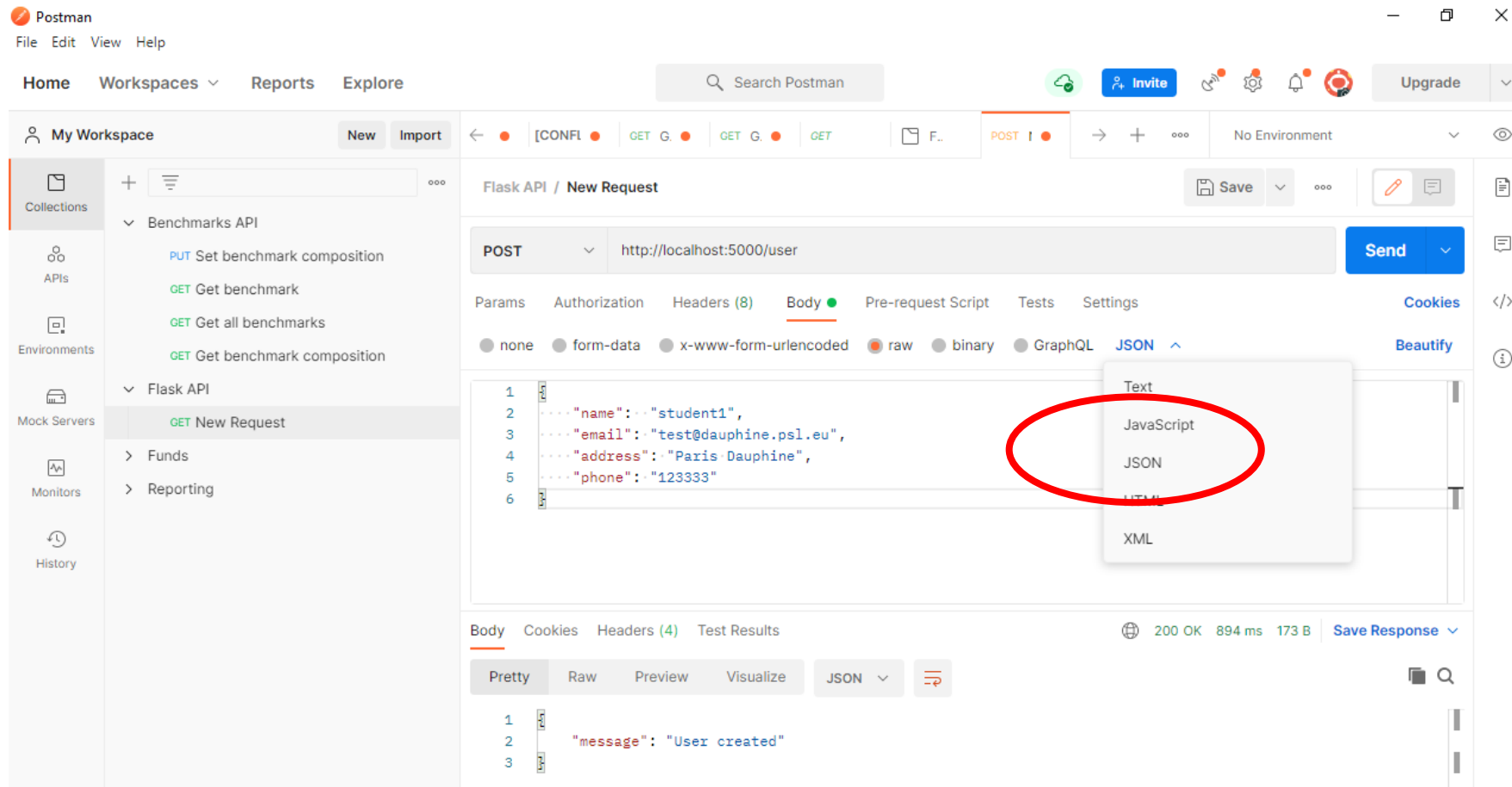
Say post



Goto body

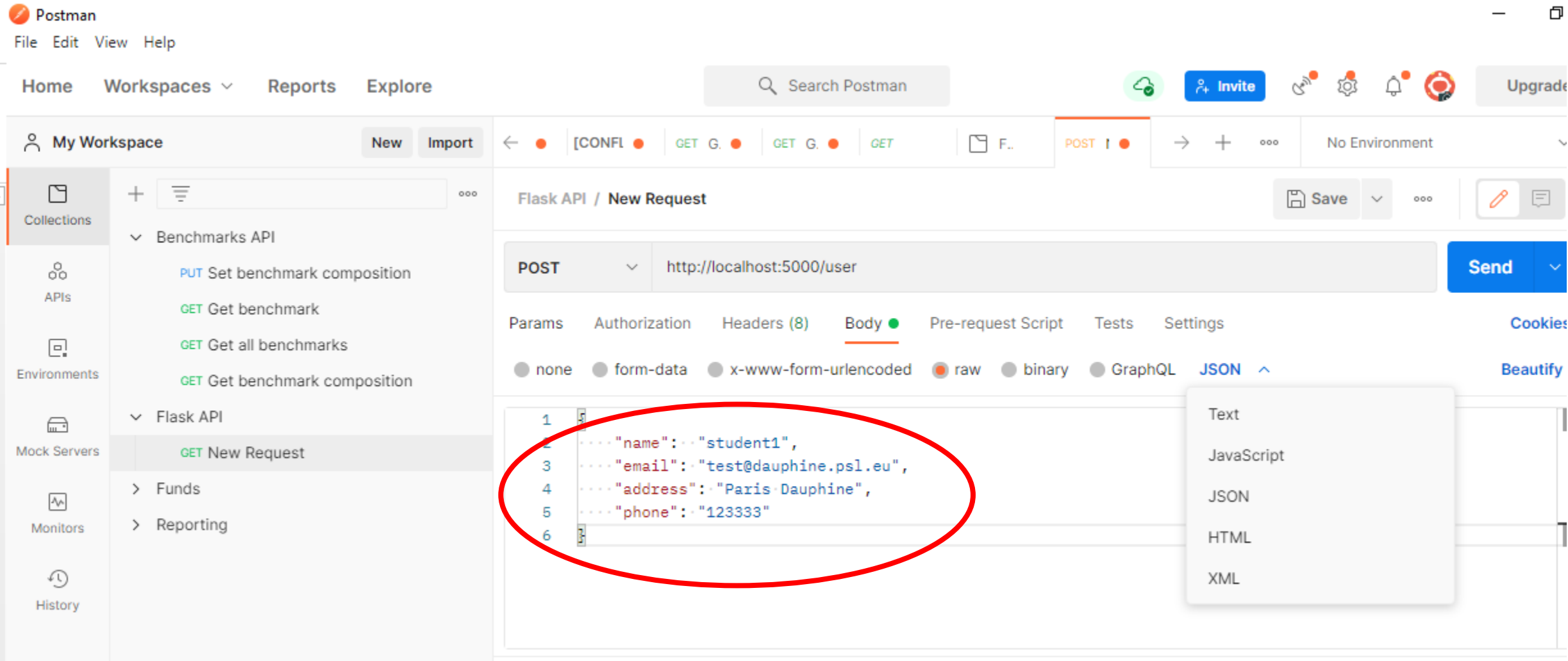


Select Json

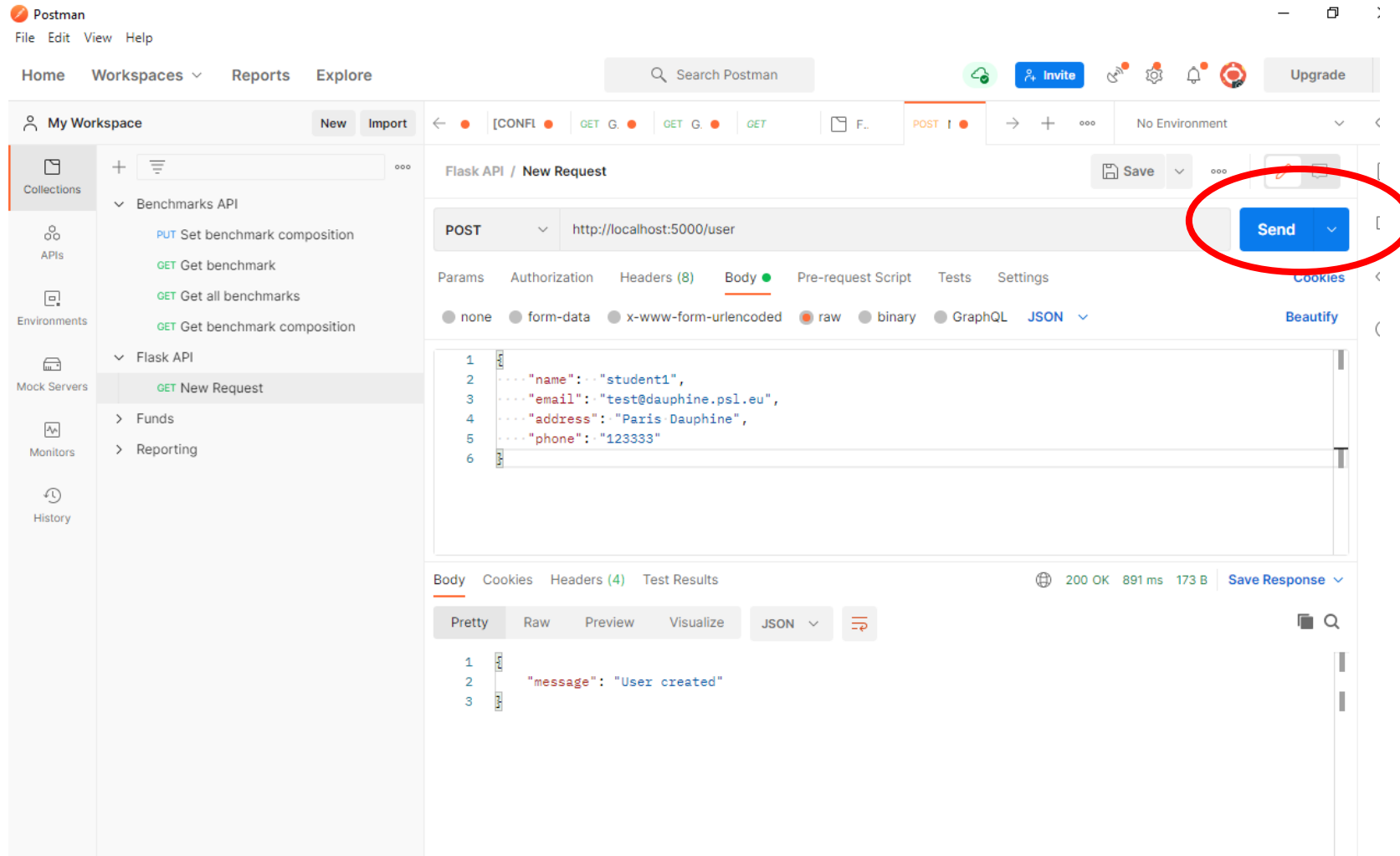


Enter the following input

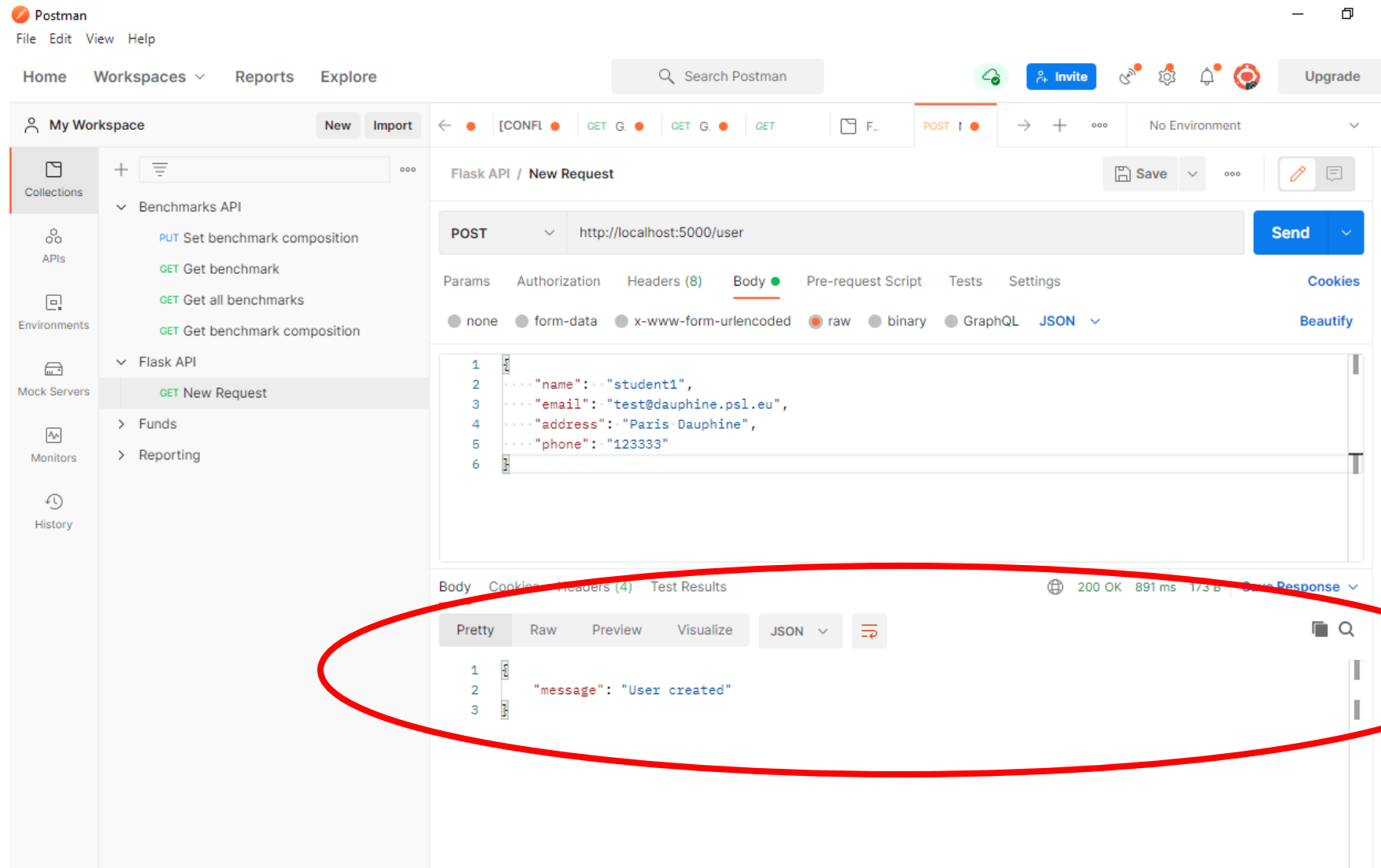
```
{  
  "name": "student1",  
  "email": "test@dauphine.psl.eu",  
  "address": "Paris Dauphine",  
  "phone": "123333"  
}
```



Send the command

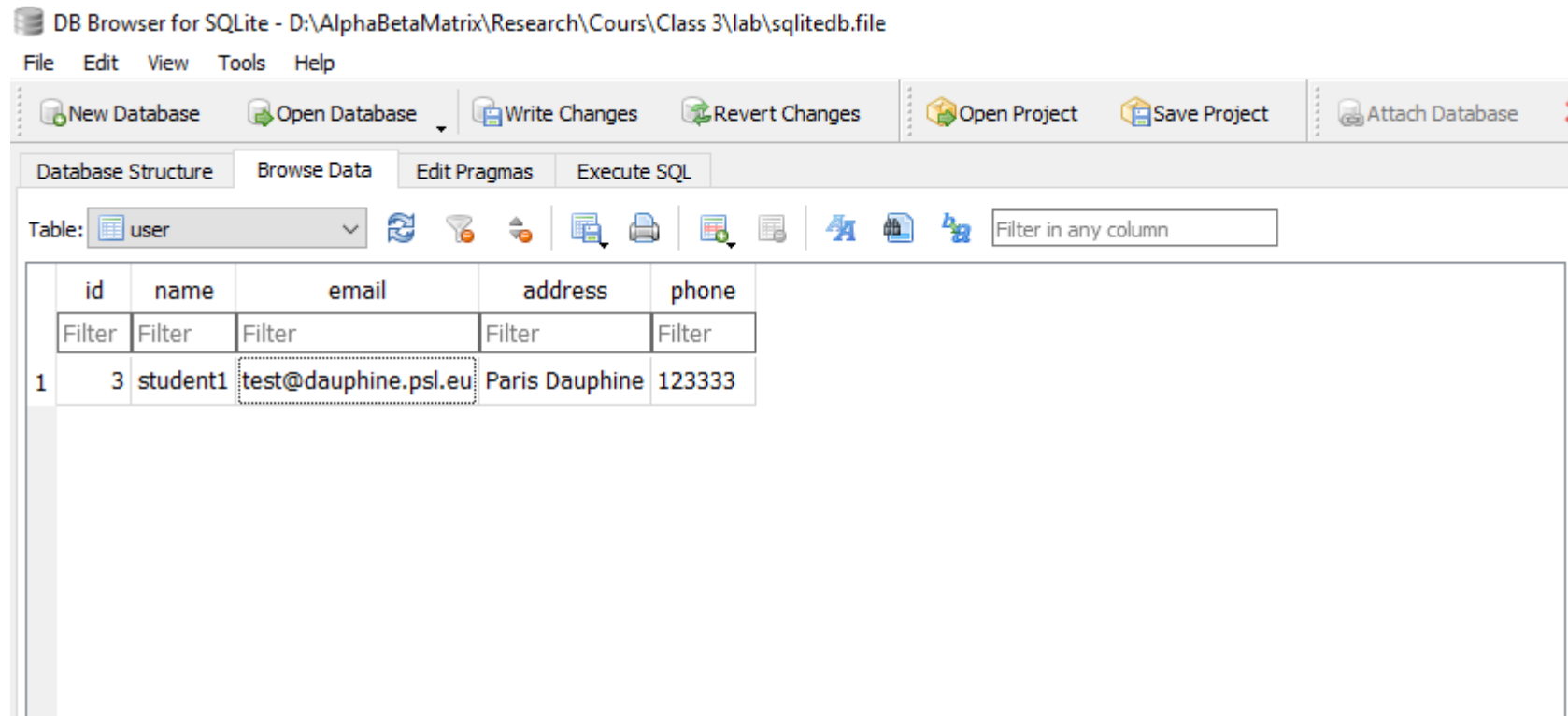


You should get something like



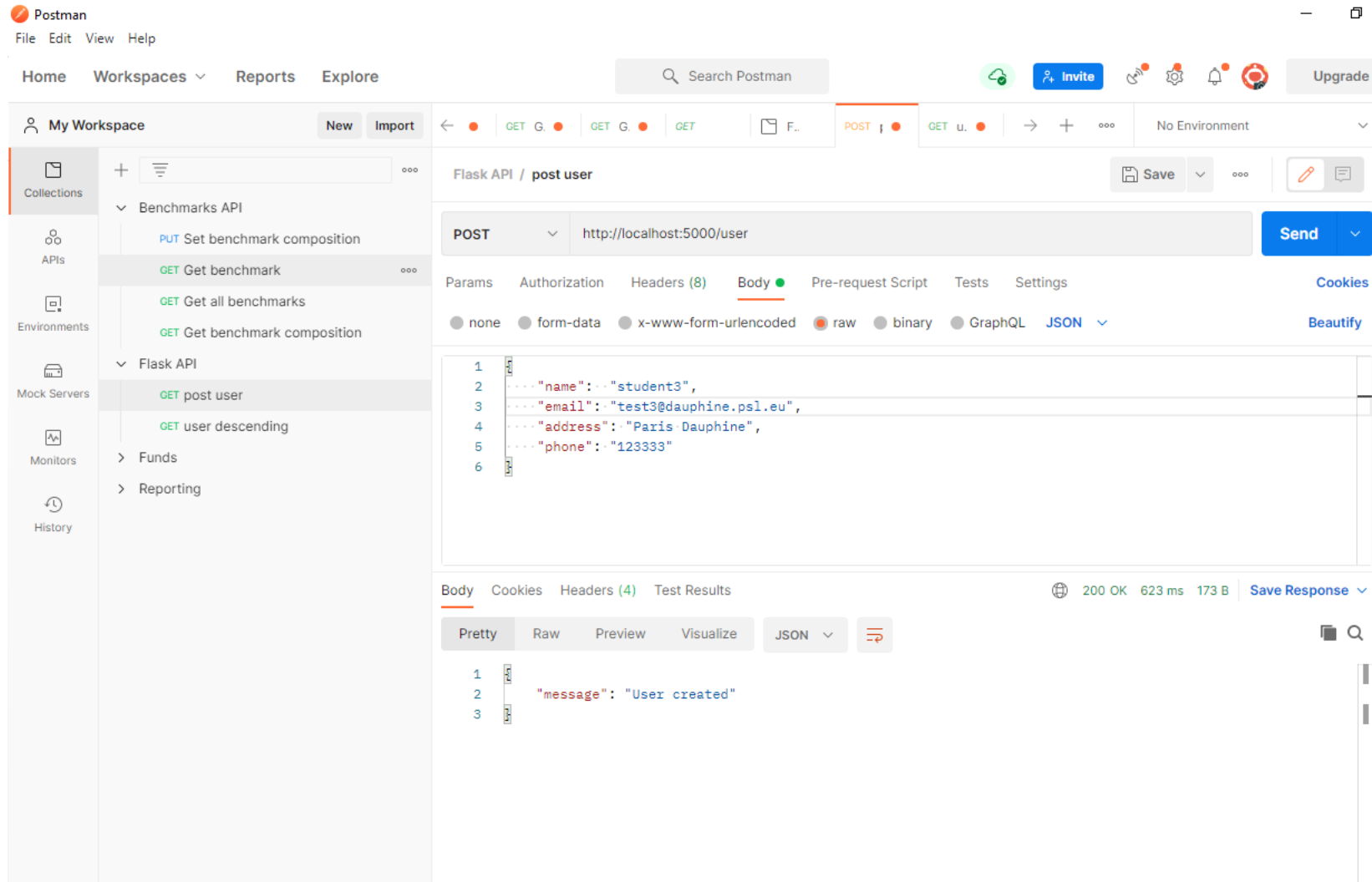
Check that there is a record in the database with DB Browser

- Open DB Browser

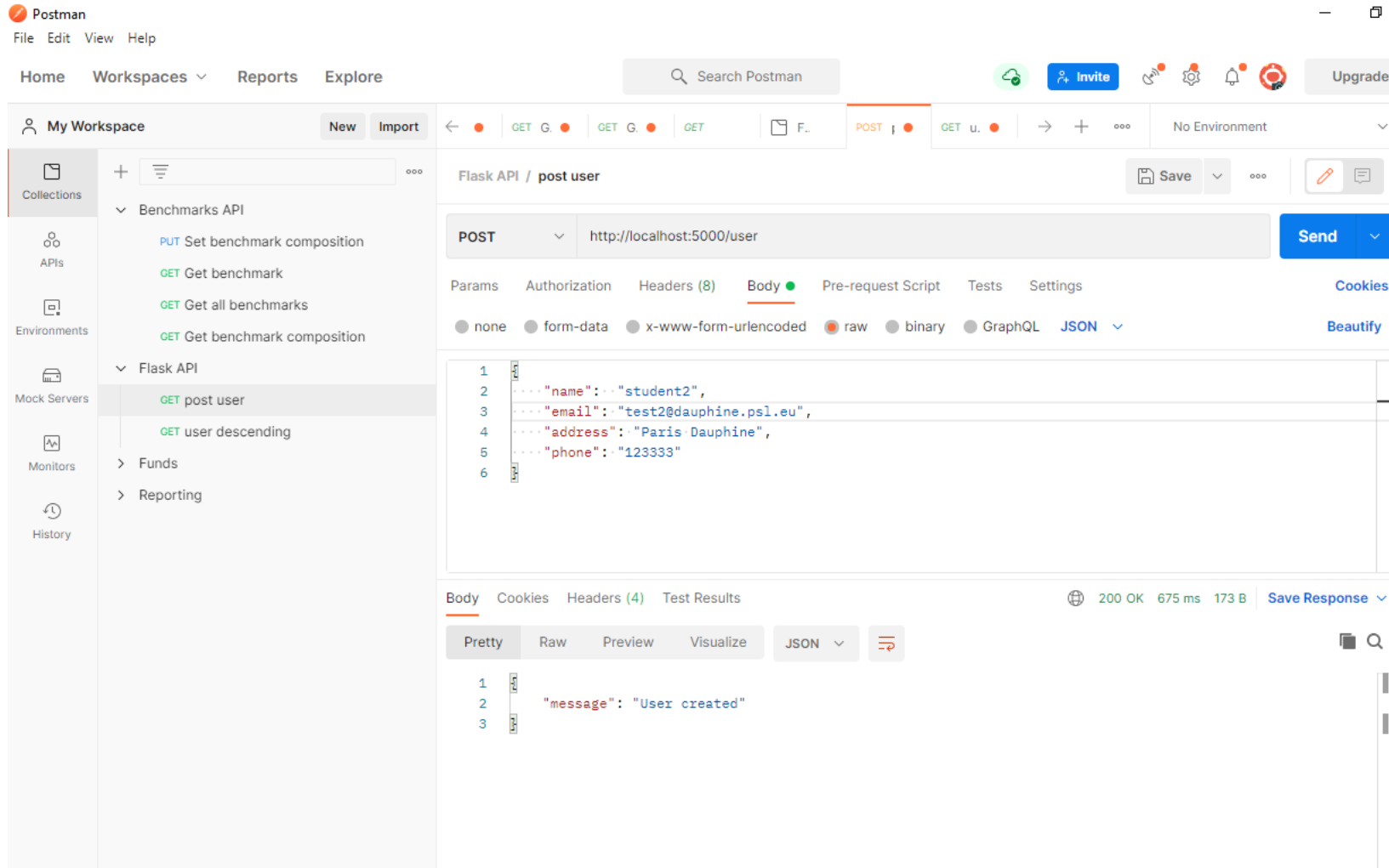


You are done!

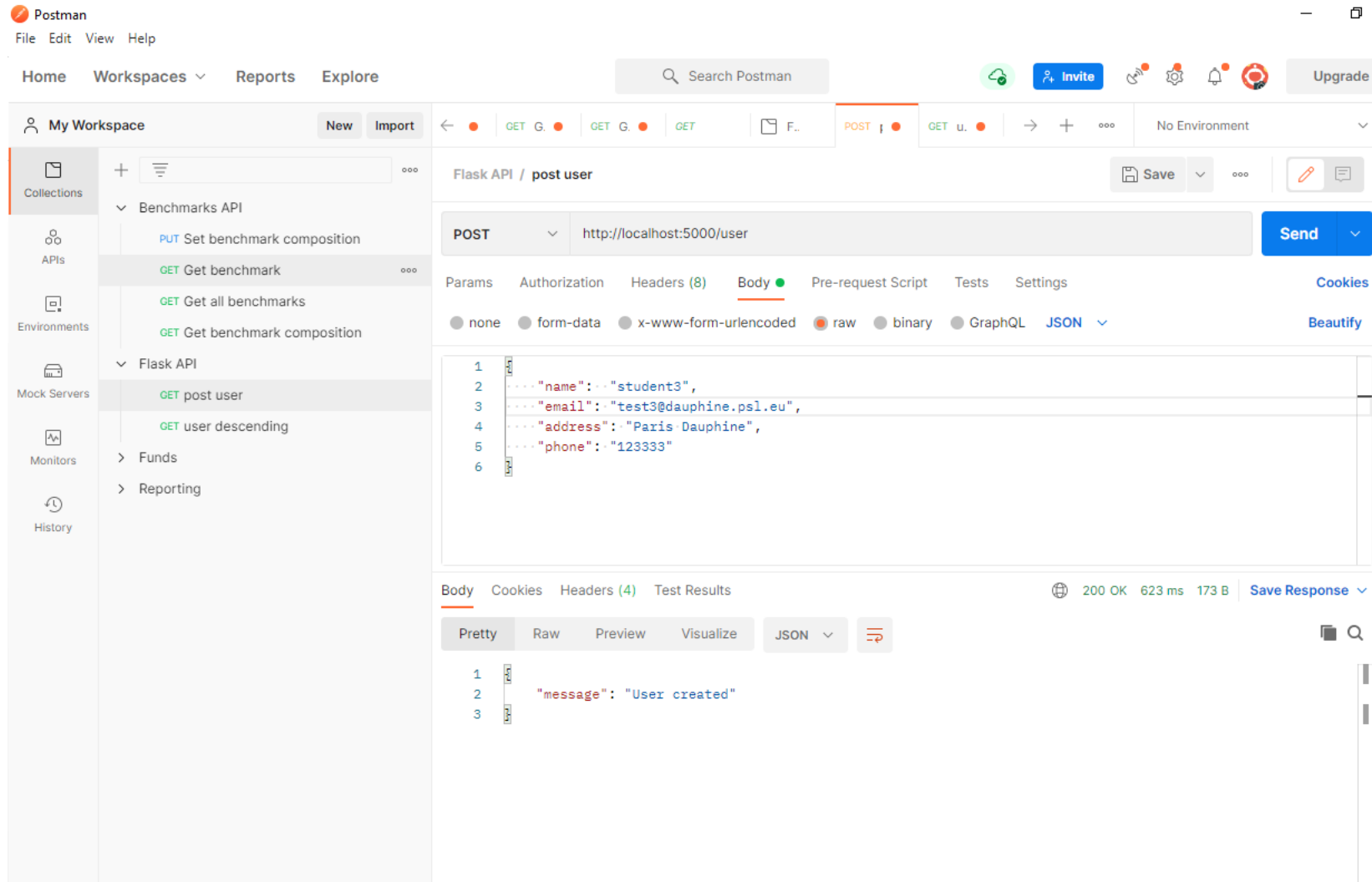
Add a few users!



Add a few users!



Add a few users!



Call the linked list to get descending and ascending users

