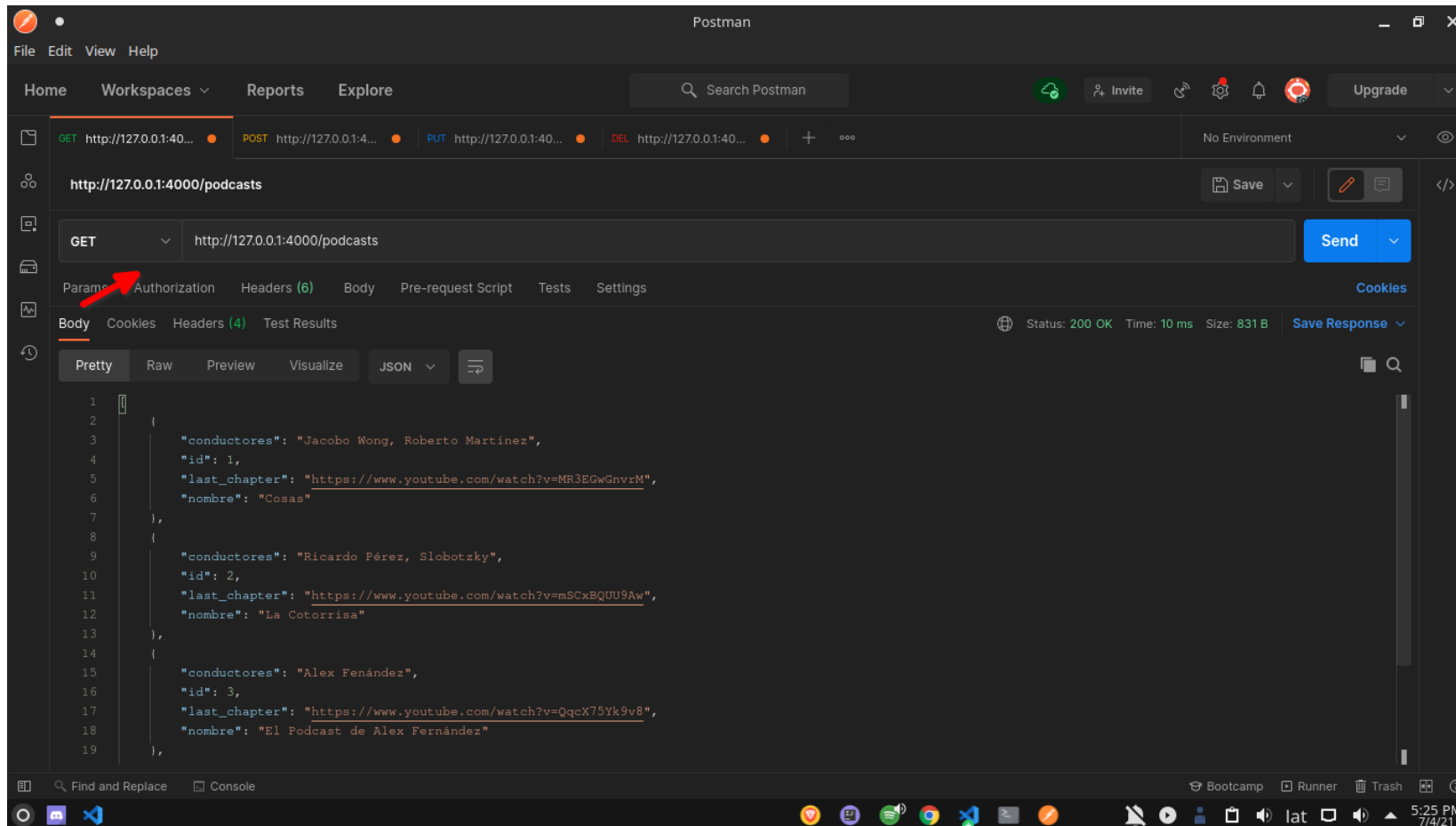


PRACTICA 2

Para la práctica 2 se realizó una pequeña api, que guardaba los datos en un archivo JSON, la cual manejaba datos sobre algunos de los podcasts que escucho.

MÉTODO GET

Retorna en formato JSON todos los podcasts guardados.



manage_data.py - Practica2 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- OPEN EDITORS
 - main.py 5
 - podcasts.json M
 - backup.json
 - manage_data.py src
 - .gitignore
- PRACTICA2
 - src
 - __pycache__
 - manage_data.py
 - venv
 - .gitignore
 - .python-version
 - backup.json
 - main.py 5
 - podcasts.json M
- OUTLINE
- TIMELINE

main.py 5 {} podcasts.json M {} backup.json manage_data.py x .gitignore

```
src > manage_data.py > delete_data
12 data = json.loads(data)
13 new_podcast = {
14     "id": len(json_data)+1,
15     "nombre": data['nombre'],
16     "conductores": data['conductores'],
17     "last_chapter": data['last_chapter']
18 }
19 json_data.append(new_podcast)
```

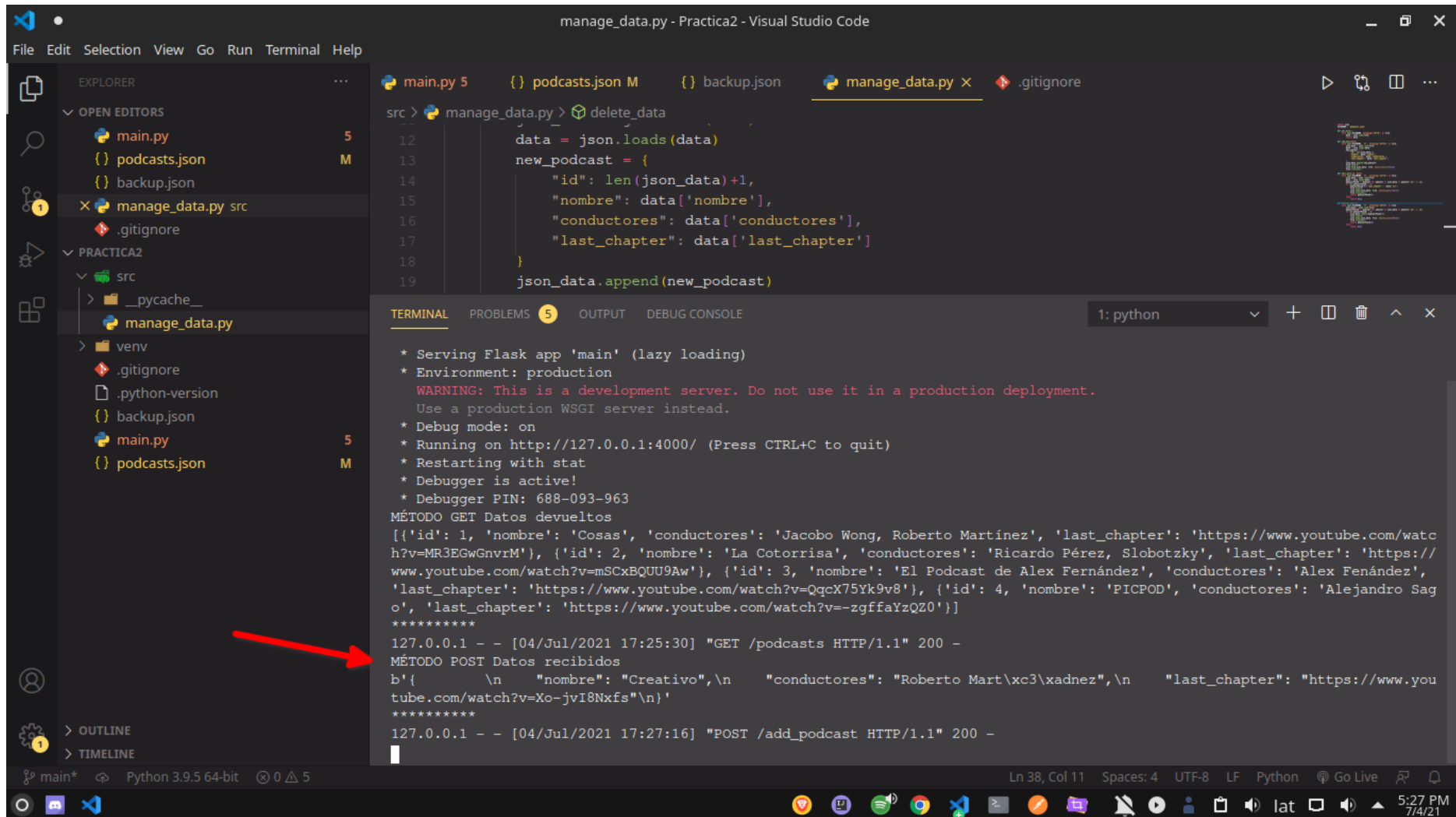
TERMINAL PROBLEMS 5 OUTPUT DEBUG CONSOLE 1: python

```
achess @ archess in ~/.../IPC-2/Practica2 |17:25:24 |main U:1 X|
$ python main.py
* Serving Flask app 'main' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on http://127.0.0.1:4000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 688-093-963
MÉTODO GET Datos devueltos
[{'id': 1, 'nombre': 'Cosas', 'conductores': 'Jacobo Wong, Roberto Martínez', 'last_chapter': 'https://www.youtube.com/watch?v=MR3EGwGnvrM'}, {'id': 2, 'nombre': 'La Cotorrisa', 'conductores': 'Ricardo Pérez, Slobotzky', 'last_chapter': 'https://www.youtube.com/watch?v=mSCxBQUU9Aw'}, {'id': 3, 'nombre': 'El Podcast de Alex Fernández', 'conductores': 'Alex Fernández', 'last_chapter': 'https://www.youtube.com/watch?v=QgcX75Yk9v8'}, {'id': 4, 'nombre': 'PICPOD', 'conductores': 'Alejandro Sag o', 'last_chapter': 'https://www.youtube.com/watch?v=-zgffaYzQZ0'}]
*****
127.0.0.1 - - [04/Jul/2021 17:25:30] "GET /podcasts HTTP/1.1" 200 -
```

Ln 38, Col 11 Spaces: 4 UTF-8 LF Python Go Live 5:26 PM 7/4/21

MÉTODO POST

Agrega un nuevo podcast



```
manage_data.py - Practica2 - Visual Studio Code

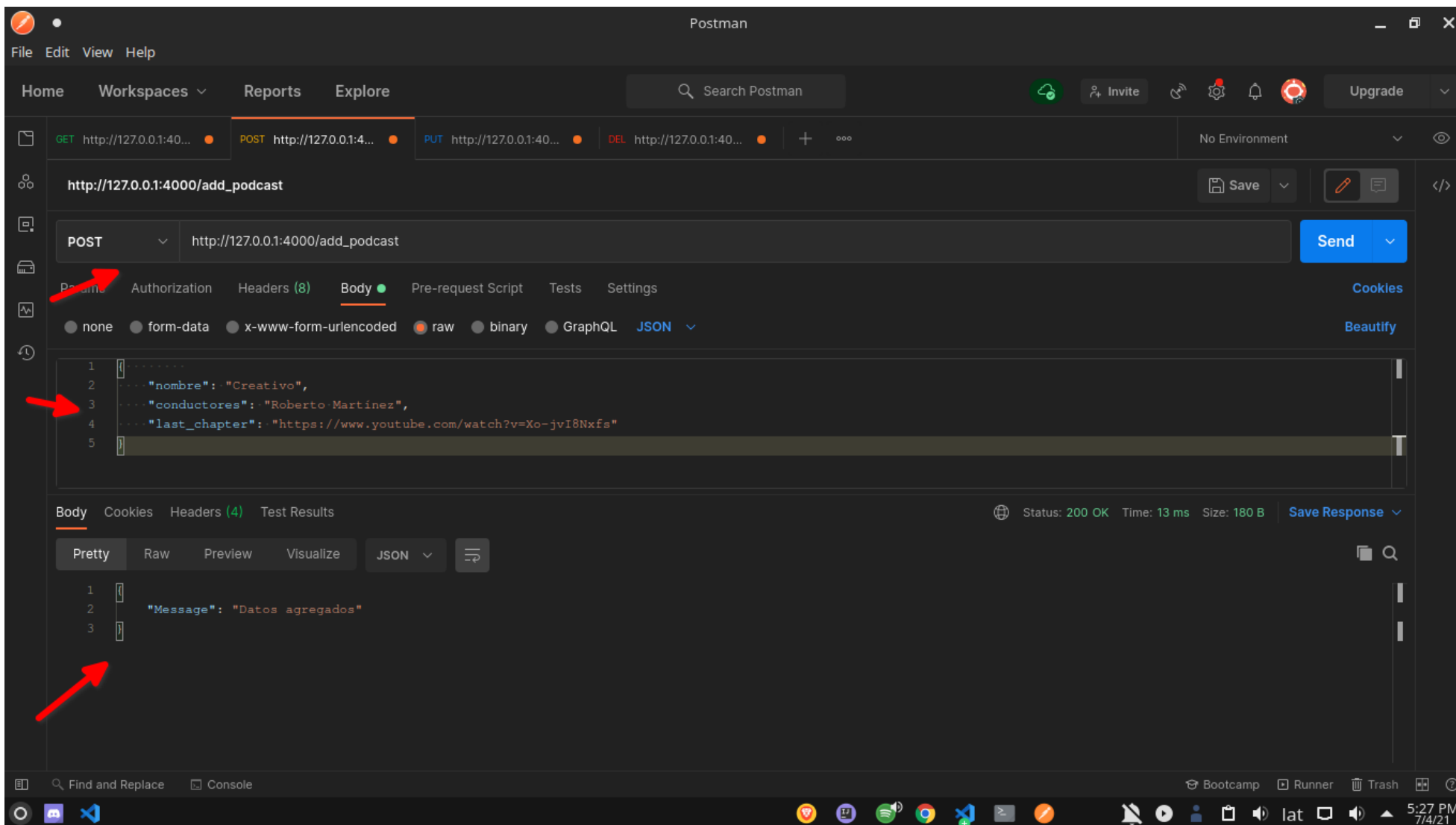
File Edit Selection View Go Run Terminal Help

EXPLORER
  OPEN EDITORS
    main.py 5
    podcasts.json M
    backup.json
    manage_data.py src
    .gitignore
  PRACTICA2
    src
      __pycache__
      manage_data.py
    venv
      .gitignore
      .python-version
      backup.json
      main.py 5
      podcasts.json M

main.py 5 {} podcasts.json M {} backup.json manage_data.py x .gitignore

src > manage_data.py > delete_data
12 data = json.loads(data)
13 new_podcast = {
14     "id": len(json_data)+1,
15     "nombre": data['nombre'],
16     "conductores": data['conductores'],
17     "last_chapter": data['last_chapter']
18 }
19 json_data.append(new_podcast)

TERMINAL 5 OUTPUT DEBUG CONSOLE 1: python
* Serving Flask app 'main' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on http://127.0.0.1:4000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 688-093-963
MÉTODO GET Datos devueltos
[{'id': 1, 'nombre': 'Cosas', 'conductores': 'Jacobo Wong, Roberto Martínez', 'last_chapter': 'https://www.youtube.com/watch?v=MR3EGwGnvrM'}, {'id': 2, 'nombre': 'La Cotorrisa', 'conductores': 'Ricardo Pérez, Slobotzky', 'last_chapter': 'https://www.youtube.com/watch?v=mSCxBQUU9Aw'}, {'id': 3, 'nombre': 'El Podcast de Alex Fernández', 'conductores': 'Alex Fernández', 'last_chapter': 'https://www.youtube.com/watch?v=QgcX75Yk9v8'}, {'id': 4, 'nombre': 'PICPOD', 'conductores': 'Alejandro Sag o', 'last_chapter': 'https://www.youtube.com/watch?v=-zgffaYzQZ0'}]
*****
127.0.0.1 - - [04/Jul/2021 17:25:30] "GET /podcasts HTTP/1.1" 200 -
MÉTODO POST Datos recibidos
b'{"nombre": "Creativo", "conductores": "Roberto Mart\xc3\xadnez", "last_chapter": "https://www.youtube.com/watch?v=Xo-jvI8NxfS"}'
*****
127.0.0.1 - - [04/Jul/2021 17:27:16] "POST /add_podcast HTTP/1.1" 200 -
```



MÉTODO PUT

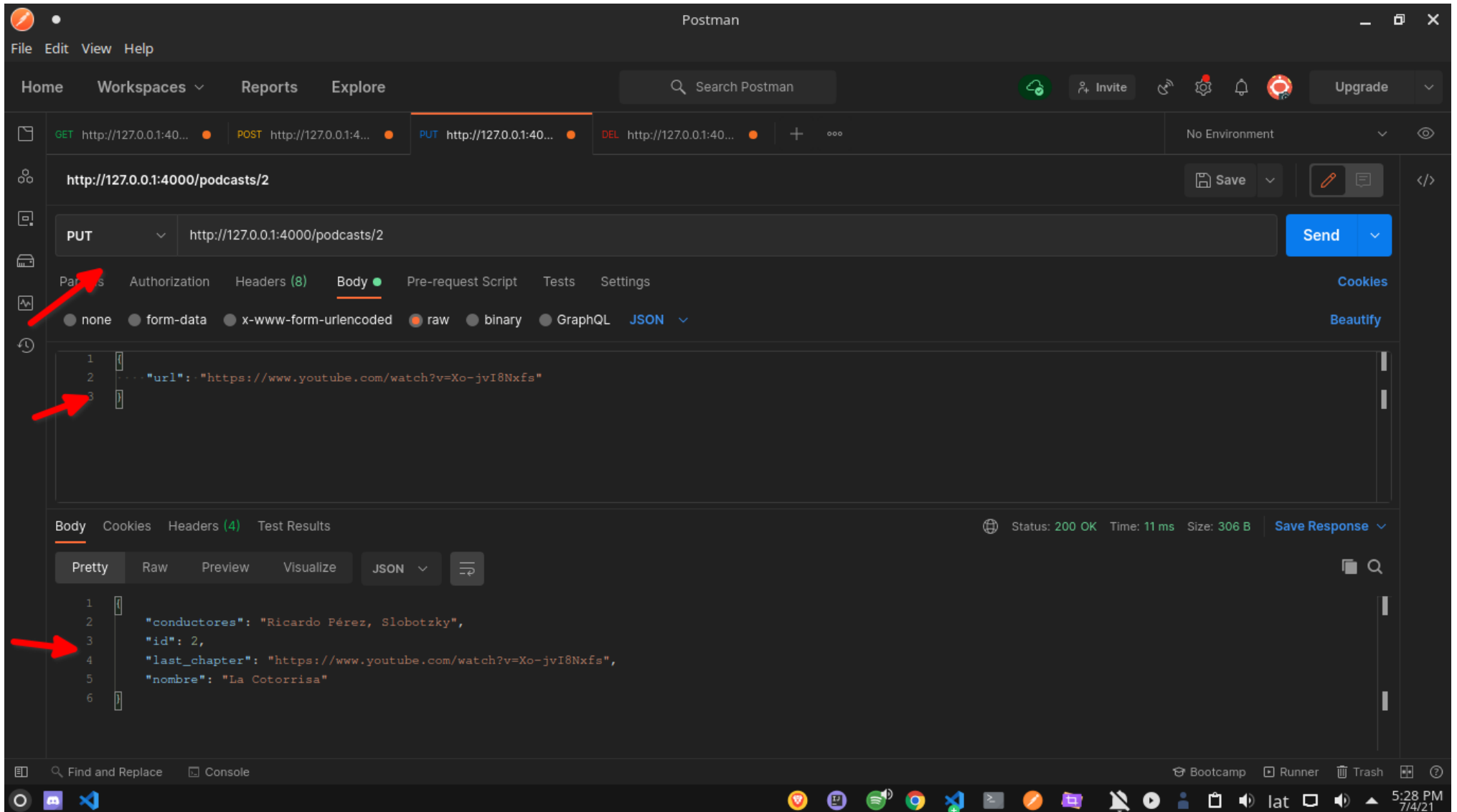
Edita la url de un podcast, recibe como parámetro el id

The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORER:** Displays the project structure with folders like `src` and files like `main.py`, `podcasts.json`, `backup.json`, and `manage_data.py`. A red arrow points to `manage_data.py`.
- TERMINAL:** Shows the output of the application, including a GET request for podcast data and a PUT request for editing a podcast. The PUT request is highlighted with a red arrow.
- Code Editor:** Displays the `manage_data.py` file, which contains a `delete_data` function and a `PUT` method for editing a podcast.

The terminal output shows the following sequence of events:

```
* Running on http://127.0.0.1:4000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 688-093-963
MÉTODO GET Datos devueltos
[{'id': 1, 'nombre': 'Cosas', 'conductores': 'Jacobo Wong, Roberto Martínez', 'last_chapter': 'https://www.youtube.com/watch?v=MR3EGwGnvrM'}, {'id': 2, 'nombre': 'La Cotorrisa', 'conductores': 'Ricardo Pérez, Slobotzky', 'last_chapter': 'https://www.youtube.com/watch?v=mSCxBQUU9Aw'}, {'id': 3, 'nombre': 'El Podcast de Alex Fernández', 'conductores': 'Alex Fernández', 'last_chapter': 'https://www.youtube.com/watch?v=QqcX75Yk9v8'}, {'id': 4, 'nombre': 'PICPOD', 'conductores': 'Alejandro Sag o', 'last_chapter': 'https://www.youtube.com/watch?v=-zgffaYzQZ0'}]
*****
127.0.0.1 - - [04/Jul/2021 17:25:30] "GET /podcasts HTTP/1.1" 200 -
MÉTODO POST Datos recibidos
b'{"nombre": "Creativo", "conductores": "Roberto Mart\xadnez", "last_chapter": "https://www.youtube.com/watch?v=Xo-jvI8Nxf"}'
*****
127.0.0.1 - - [04/Jul/2021 17:27:16] "POST /add_podcast HTTP/1.1" 200 -
MÉTODO PUT
Datos modificados
{'id': 2, 'nombre': 'La Cotorrisa', 'conductores': 'Ricardo Pérez, Slobotzky', 'last_chapter': 'https://www.youtube.com/watch?v=Xo-jvI8Nxf'}
127.0.0.1 - - [04/Jul/2021 17:28:39] "PUT /podcasts/2 HTTP/1.1" 200 -
```



MÉTODO DELETE

Elimina un podcast basado en el id

The screenshot shows the Postman application interface. At the top, there's a menu bar with 'File', 'Edit', 'View', and 'Help'. Below it, a navigation bar includes 'Home', 'Workspaces', 'Reports', and 'Explore', along with a search bar and various utility icons. The main workspace displays a REST client request configuration for a DELETE method to the URL 'http://127.0.0.1:4000/delete_podcast/4'. The 'Params' tab is selected, showing a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. Below this, the 'Body' tab is active, displaying a JSON response in 'Pretty' format. The JSON response indicates a successful deletion with a status of 200 OK. Red arrows highlight the 'DELETE' method in the request configuration and the 'Datos' object in the response body.

Postman

File Edit View Help

Home Workspaces Reports Explore

Search Postman

Upgrade

GET http://127.0.0.1:40... POST http://127.0.0.1:4... PUT http://127.0.0.1:40... DEL http://127.0.0.1:40...

No Environment

Save

Send

DELETE http://127.0.0.1:4000/delete_podcast/4

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

Query Params

KEY	VALUE	DESCRIPTION
-----	-------	-------------

Bulk Edit

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 16 ms Size: 344 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "Datos": {
3     "conductores": "Alejandro Sago",
4     "id": 4,
5     "last_chapter": "https://www.youtube.com/watch?v=-zgffaYzQZ0",
6     "nombre": "PICPOD"
7   },
8   "Message": "Datos eliminados"
9 }
```

