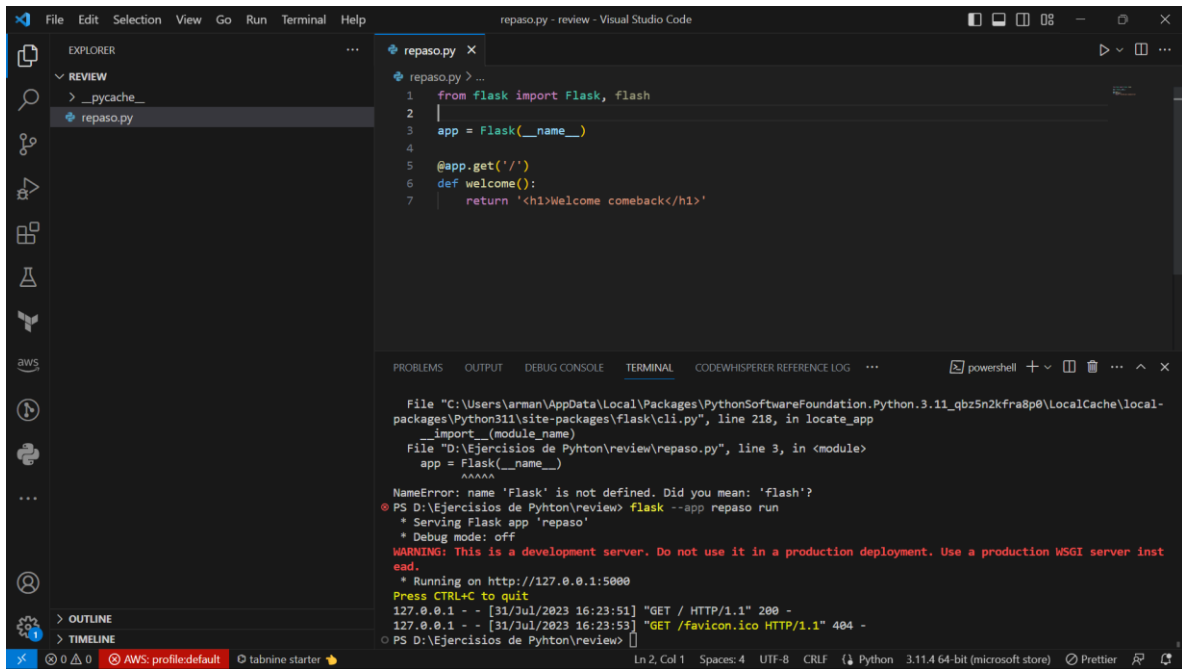


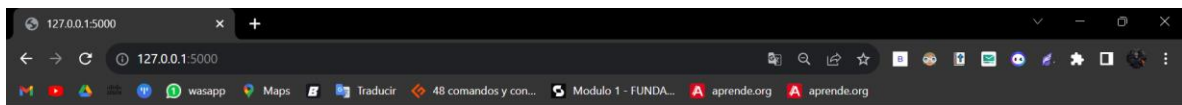
Ejercicio 1



The screenshot shows the Visual Studio Code interface with a file named `repaso.py` open. The code is a simple Flask application:

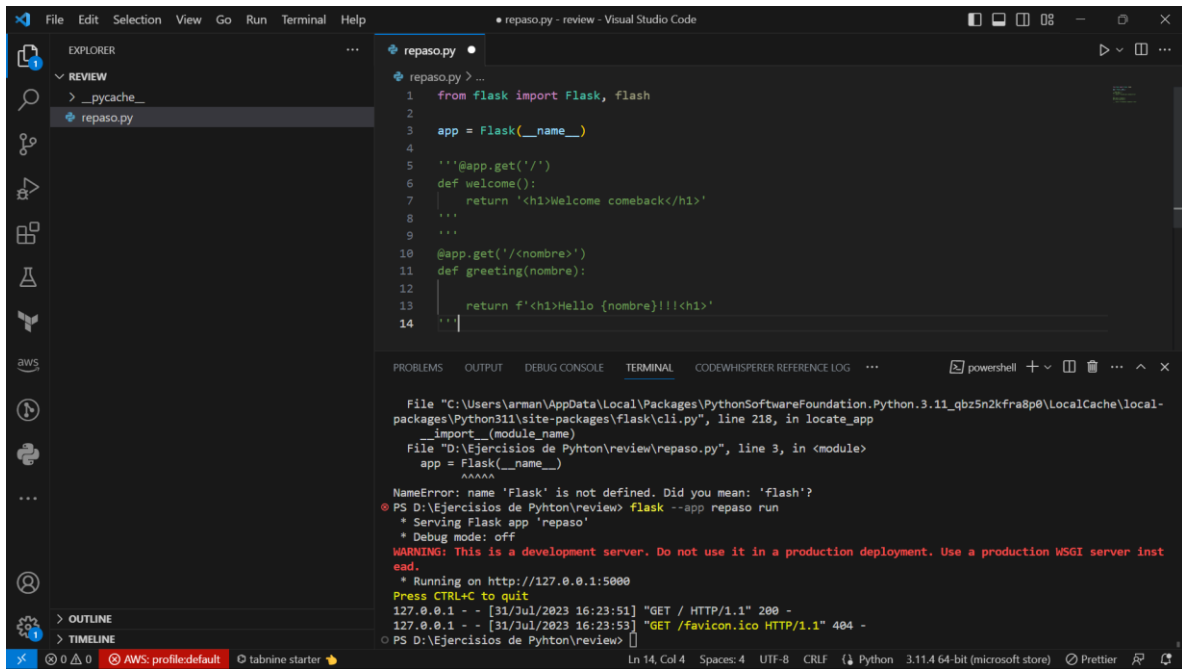
```
1 from flask import Flask, flash
2
3 app = Flask(__name__)
4
5 @app.get('/')
6 def welcome():
7     return '<h1>Welcome comeback</h1>'
```

The terminal output shows the command `flask --app repaso run` being executed, which starts the development server on `http://127.0.0.1:5000`. The output includes a warning that this is a development server and not for production use. It also shows two successful HTTP requests: a GET request to `/` returning 200 and a GET request to `/favicon.ico` returning 404.



Welcome comeback

Ejercicio 2



The screenshot shows the Visual Studio Code interface with a file named `repaso.py` open. The code defines a Flask application with two routes: a root route that returns a welcome message and a route for `/<nombre>` that returns a personalized greeting. The terminal window shows the command `flask --app repaso run` being executed, which starts the development server on `http://127.0.0.1:5000`. The terminal also displays the output of two GET requests: one to the root URL and another to `/favicon.ico`.

```
repaso.py > ...
1 from flask import Flask, flash
2
3 app = Flask(__name__)
4
5 '''@app.get('/')
6 def welcome():
7     return '<h1>Welcome comeback</h1>'
8
9 '''
10 @app.get('/<nombre>')
11 def greeting(nombre):
12     return f'<h1>Hello {nombre}!!!<h1>'
13
14 '''
```

File "C:\Users\arman\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\Flask\cli.py", line 218, in locate_app
import(module_name)
File "D:\Ejercicios de Python\review\repaso.py", line 3, in <module>
app = Flask(__name__)
 ^^^^^
NameError: name 'Flask' is not defined. Did you mean: 'flash'?

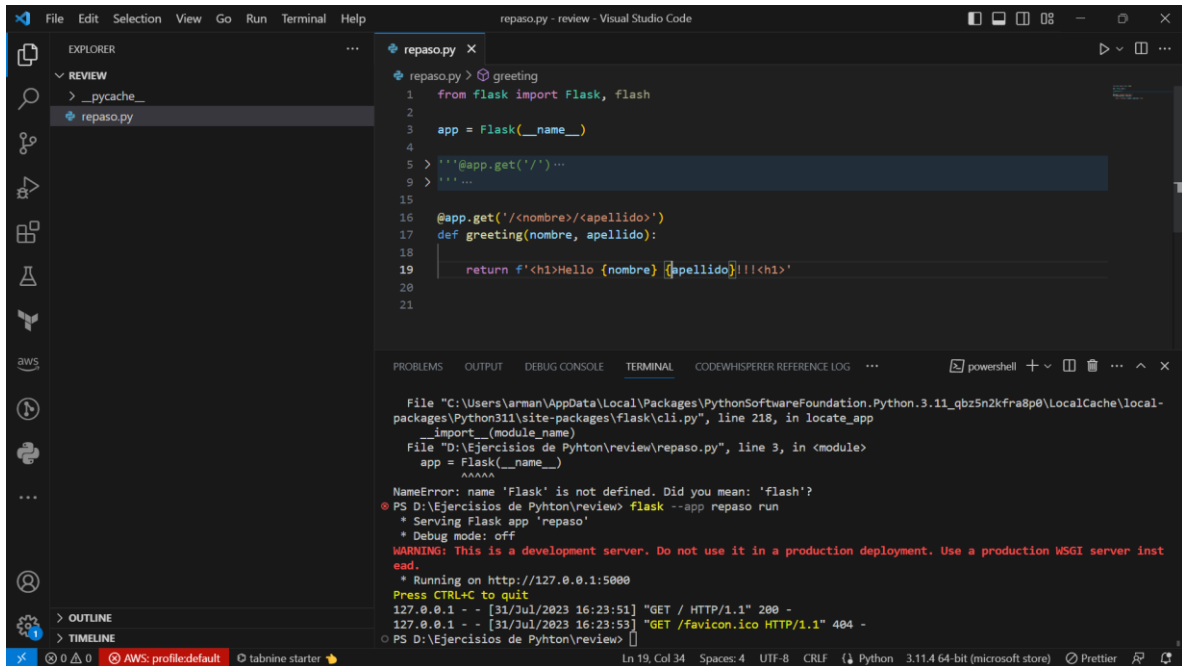
PS D:\Ejercicios de Python\review> flask --app repaso run
* Serving Flask app 'repaso'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 16:23:51] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:23:53] "GET /favicon.ico HTTP/1.1" 404 -
PS D:\Ejercicios de Python\review>



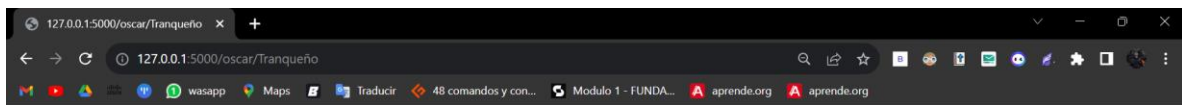
Hello oscar!!!



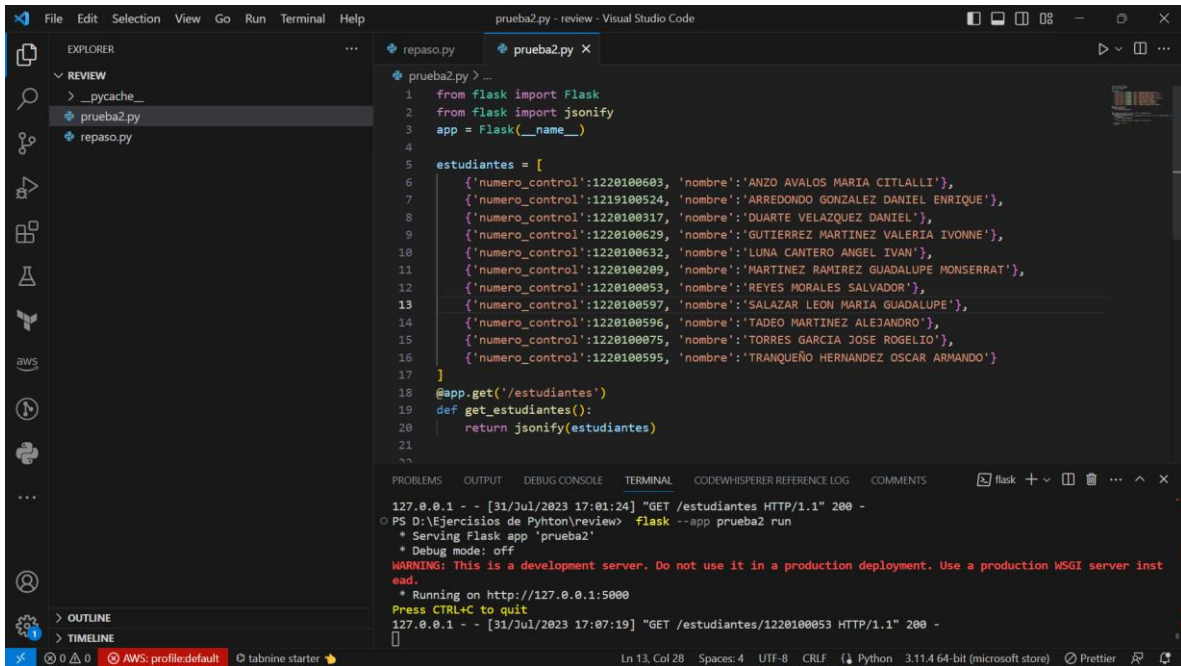
Ejercicio 3



```
File "C:\Users\arman\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\flask\cli.py", line 218, in locate_app
    _import_(module_name)
File "D:\Ejercicios de Python\review\repaso.py", line 3, in <module>
    app = Flask(__name__)
          ^^^^^
NameError: name 'Flask' is not defined. Did you mean: 'flash'?
PS D:\Ejercicios de Python\review> flask --app repaso run
 * Serving Flask app 'repaso'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 16:23:51] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:23:53] "GET /favicon.ico HTTP/1.1" 404 -
PS D:\Ejercicios de Python\review>
```



Ejercicio 4

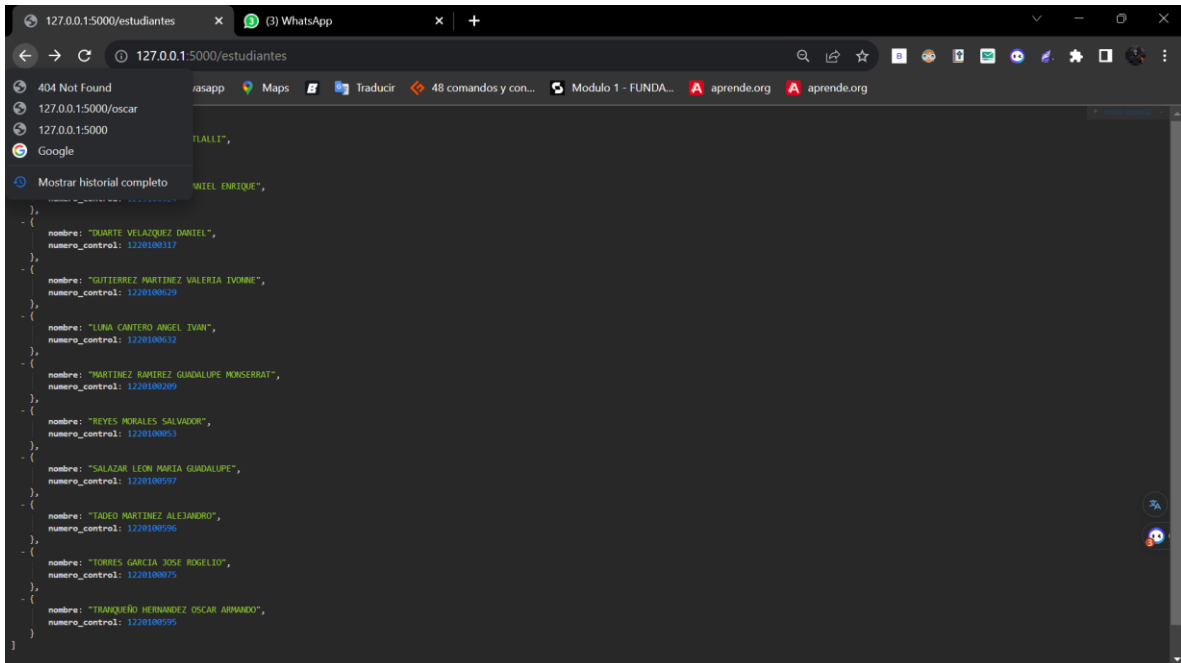


```
File Edit Selection View Go Run Terminal Help
prueba2.py - review - Visual Studio Code

EXPLORER
  > _pycache_
  + prueba2.py
  + repaso.py

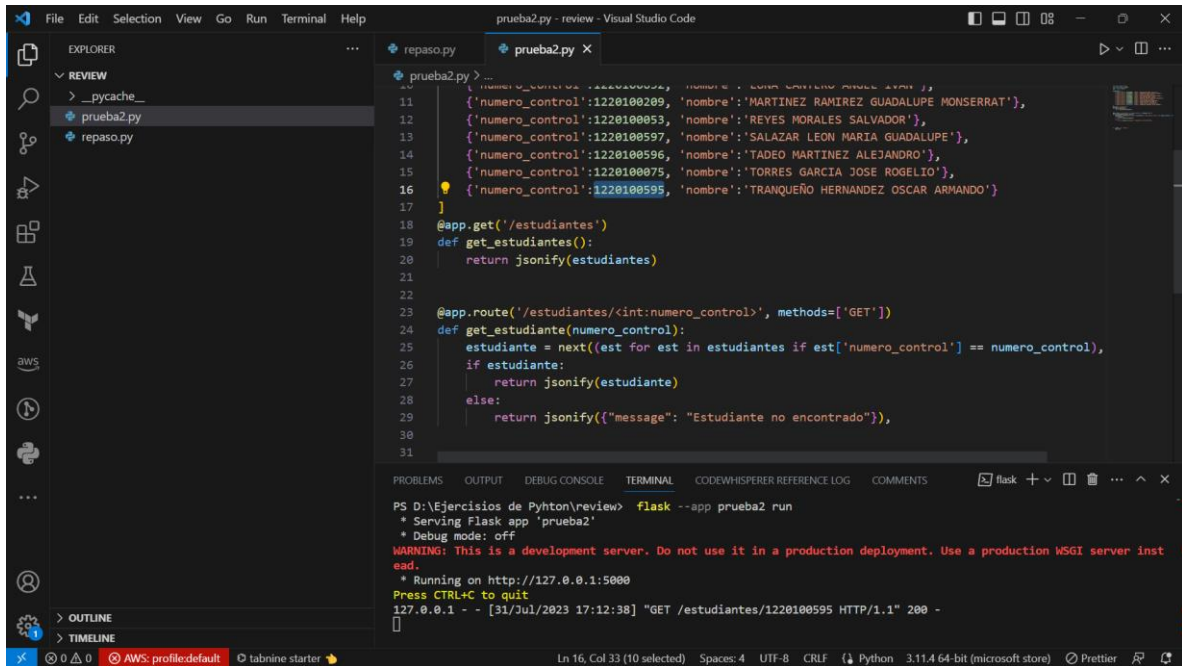
prueba2.py
1 from flask import Flask
2 from flask import jsonify
3 app = Flask(__name__)
4
5
6 estudiantes = [
7     {'numero_control':1220100603, 'nombre':'ANZO AVALOS MARIA CITLALLI'},
8     {'numero_control':1219100524, 'nombre':'ARREDONDO GONZALEZ DANIEL ENRIQUE'},
9     {'numero_control':1220100317, 'nombre':'DUARTE VELAZQUEZ DANIEL'},
10    {'numero_control':1220100629, 'nombre':'GUTIERREZ MARTINEZ VALERIA IVONNE'},
11    {'numero_control':1220100632, 'nombre':'LUNA CANTERO ANGEL IVAN'},
12    {'numero_control':1220100209, 'nombre':'MARTINEZ RAMIREZ GUADALUPE MONSERRAT'},
13    {'numero_control':1220100053, 'nombre':'REYES MORALES SALVADOR'},
14    {'numero_control':1220100597, 'nombre':'SALAZAR LEON MARIA GUADALUPE'},
15    {'numero_control':1220100596, 'nombre':'TADEO MARTINEZ ALEJANDRO'},
16    {'numero_control':1220100075, 'nombre':'TORRES GARCIA JOSE ROGELIO'},
17    {'numero_control':1220100595, 'nombre':'TRANQUENO HERNANDEZ OSCAR ARMANDO'}
18 ]
19
20 @app.get('/estudiantes')
21 def get_estudiantes():
22     return jsonify(estudiantes)
23
24
25
26
27
28
29
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34
35
36
37
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40
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100

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL CODEWHISPERER REFERENCE LOG COMMENTS
127.0.0.1 - - [31/Jul/2023 17:01:24] "GET /estudiantes HTTP/1.1" 200 -
PS D:\Ejercicios de Python\review> flask --app prueba2 run
* Serving Flask app 'prueba2'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 17:07:19] "GET /estudiantes/1220100053 HTTP/1.1" 200 -
[]
```



```
127.0.0.1:5000/estudiantes x WhatsApp x +
127.0.0.1:5000/estudiantes
404 Not Found
127.0.0.1:5000/oscar
127.0.0.1:5000
Google
Mostrar historial completo
[{"numero_control": 1220100603, "nombre": "ANZO AVALOS MARIA CITLALLI"}, {"numero_control": 1219100524, "nombre": "ARREDONDO GONZALEZ DANIEL ENRIQUE"}, {"numero_control": 1220100317, "nombre": "DUARTE VELAZQUEZ DANIEL"}, {"numero_control": 1220100629, "nombre": "GUTIERREZ MARTINEZ VALERIA IVONNE"}, {"numero_control": 1220100632, "nombre": "LUNA CANTERO ANGEL IVAN"}, {"numero_control": 1220100209, "nombre": "MARTINEZ RAMIREZ GUADALUPE MONSERRAT"}, {"numero_control": 1220100053, "nombre": "REYES MORALES SALVADOR"}, {"numero_control": 1220100597, "nombre": "SALAZAR LEON MARIA GUADALUPE"}, {"numero_control": 1220100596, "nombre": "TADEO MARTINEZ ALEJANDRO"}, {"numero_control": 1220100075, "nombre": "TORRES GARCIA JOSE ROGELIO"}, {"numero_control": 1220100595, "nombre": "TRANQUENO HERNANDEZ OSCAR ARMANDO"}]
```

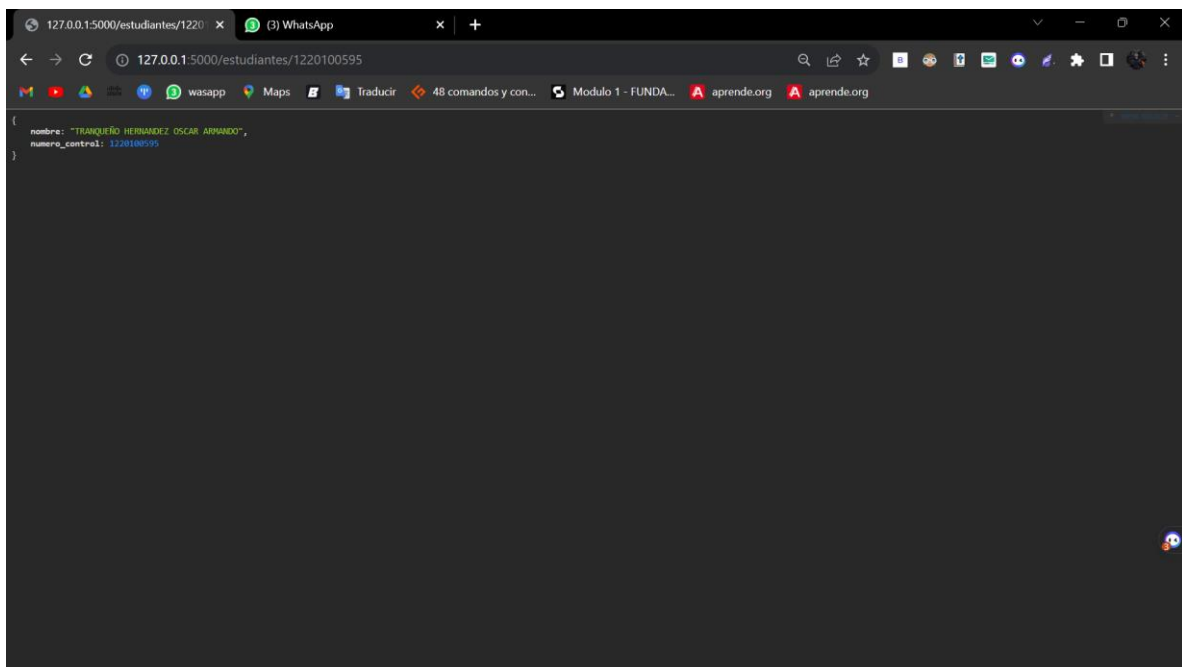
Ejercicio 5



```
File Edit Selection View Go Run Terminal Help
prueba2.py - review - Visual Studio Code

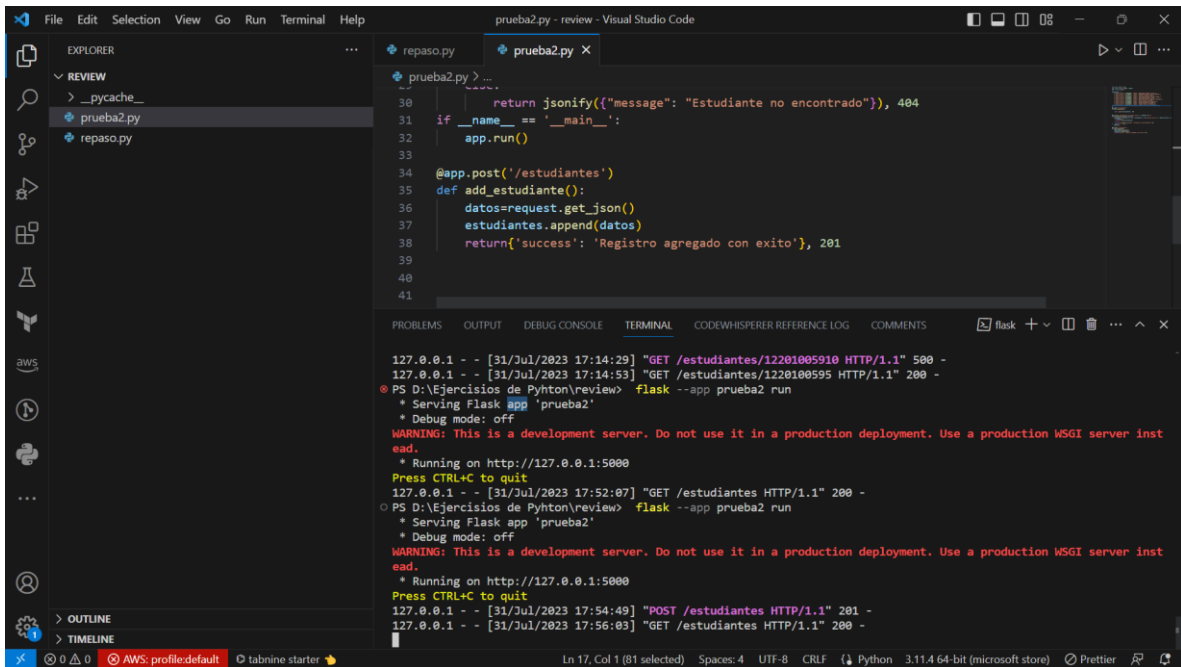
EXPLORER
  > REVIEW
    > _pycache_
    + prueba2.py
    + repaso.py

prueba2.py
11 { 'numero_control': 1220100595, 'nombre': 'LEON CANTERO GISEL LYNN' },
12 { 'numero_control': 1220100209, 'nombre': 'MARTINEZ RAMIREZ GUADALUPE MONSERRAT' },
13 { 'numero_control': 1220100053, 'nombre': 'REYES MORALES SALVADOR' },
14 { 'numero_control': 1220100597, 'nombre': 'SALAZAR LEON MARIA GUADALUPE' },
15 { 'numero_control': 1220100596, 'nombre': 'TADEO MARTINEZ ALEJANDRO' },
16 { 'numero_control': 1220100075, 'nombre': 'TORRES GARCIA JOSE ROGELIO' },
17 { 'numero_control': 1220100595, 'nombre': 'TRANQUEÑO HERNANDEZ OSCAR ARMANDO' }
18 ]
19 @app.get('/estudiantes')
20 def get_estudiantes():
21     return jsonify(estudiantes)
22
23 @app.route('/estudiantes/<int:numero_control>', methods=['GET'])
24 def get_estudiante(numero_control):
25     estudiante = next((est for est in estudiantes if est['numero_control'] == numero_control),
26                       if estudiante:
27                         return jsonify(estudiante)
28                       else:
29                         return jsonify({"message": "Estudiante no encontrado"}),
30
31
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL CODEWHSIPERER REFERENCE LOG COMMENTS
PS D:\Ejercicios de Python\review> flask --app prueba2 run
* Serving Flask app 'prueba2'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 17:12:38] "GET /estudiantes/1220100595 HTTP/1.1" 200 -
[]
```



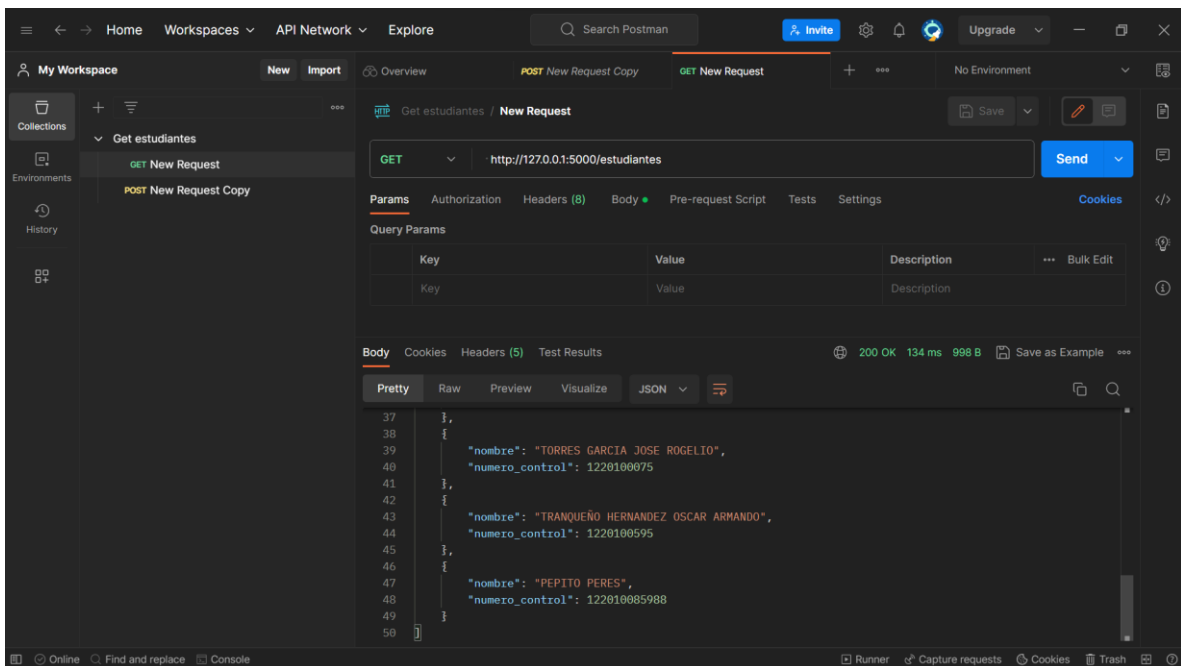
```
127.0.0.1:5000/estudiantes/1220100595
127.0.0.1:5000/estudiantes/1220100595
{
  "nombre": "TRANQUEÑO HERNANDEZ OSCAR ARMANDO",
  "numero_control": 1220100595
}
```

Ejercicio 5



The screenshot shows the Visual Studio Code interface with a Python Flask application named `prueba2.py`. The code defines a Flask app with a `POST` endpoint `/estudiantes` that adds a new student to a list. The terminal shows the command `flask --app prueba2 run` being executed, and the app is running on `http://127.0.0.1:5000`. The terminal output shows several `GET` requests to `/estudiantes` and one `POST` request that returns a 201 status code.

```
prueba2.py - review - Visual Studio Code
prueba2.py
30     return jsonify({"message": "Estudiante no encontrado"}), 404
31 if __name__ == '__main__':
32     app.run()
33
34 @app.post('/estudiantes')
35 def add_estudiante():
36     datos=request.get_json()
37     estudiantes.append(datos)
38     return('success': 'Registro agregado con exito'), 201
39
40
41
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL CODEWHISPERER REFERENCE LOG COMMENTS
127.0.0.1 - - [31/Jul/2023 17:14:29] "GET /estudiantes/12201005910 HTTP/1.1" 500 -
127.0.0.1 - - [31/Jul/2023 17:14:53] "GET /estudiantes/1220100595 HTTP/1.1" 200 -
PS D:\Ejercicios de Python\review> flask --app prueba2 run
* Serving Flask app 'prueba2'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server inst
ead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 17:52:07] "GET /estudiantes HTTP/1.1" 200 -
PS D:\Ejercicios de Python\review> flask --app prueba2 run
* Serving Flask app 'prueba2'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server inst
ead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [31/Jul/2023 17:54:49] "POST /estudiantes HTTP/1.1" 201 -
127.0.0.1 - - [31/Jul/2023 17:56:03] "GET /estudiantes HTTP/1.1" 200 -
```



The screenshot shows the Postman interface with a `GET` request to `http://127.0.0.1:5000/estudiantes`. The response is a JSON array of student objects, each containing `nombre` and `numero_control` fields. The response status is `200 OK` with a response time of `134 ms` and a body size of `998 B`.

```
GET http://127.0.0.1:5000/estudiantes
200 OK 134 ms 998 B
[{"nombre": "TORRES GARCIA JOSE ROGELIO", "numero_control": 1220100075}, {"nombre": "TRANQUEÑO HERNANDEZ OSCAR ARMANDO", "numero_control": 1220100595}, {"nombre": "PEPITO PERES", "numero_control": 122010085988}]
```

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace New Import Overview Get estudiantes GET New Request No Environment

Collections + Get estudiantes GET New Request

Environments History

GET http://127.0.0.1:5000/estudiantes Send

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

Query Params

| Key | Value | Description |
|-----|-------|-------------|
| Key | Value | Description |

Body Cookies Headers (5) Test Results 200 OK 18 ms 942 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {}
2 {
3   "nombre": "ANZO AVALOS MARIA CITLALLI",
4   "numero_control": 1220100603
5 },
6 {
7   "nombre": "ARREDONDO GONZALEZ DANIEL ENRIQUE",
8   "numero_control": 1219100524
9 },
10 {
11   "nombre": "DUARTE VELAZQUEZ DANIEL",
12   "numero_control": 1220100317
13 },
14 }
```

Online Find and replace Console Runner Capture requests Cookies Trash

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace New Import Overview Get estudiantes POST New Request No Environment

Collections + Get estudiantes POST New Request

Environments History

POST http://127.0.0.1:5000/estudiantes Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

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

```
1 {"numero_control":122010085908,"nombre":"PEPITO PERES"}
2
```

Body Cookies Headers (5) Test Results 201 CREATED 127 ms 212 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {}
2 {"success": "Registro agregado con exito"}
3
```

Online Find and replace Console Runner Capture requests Cookies Trash