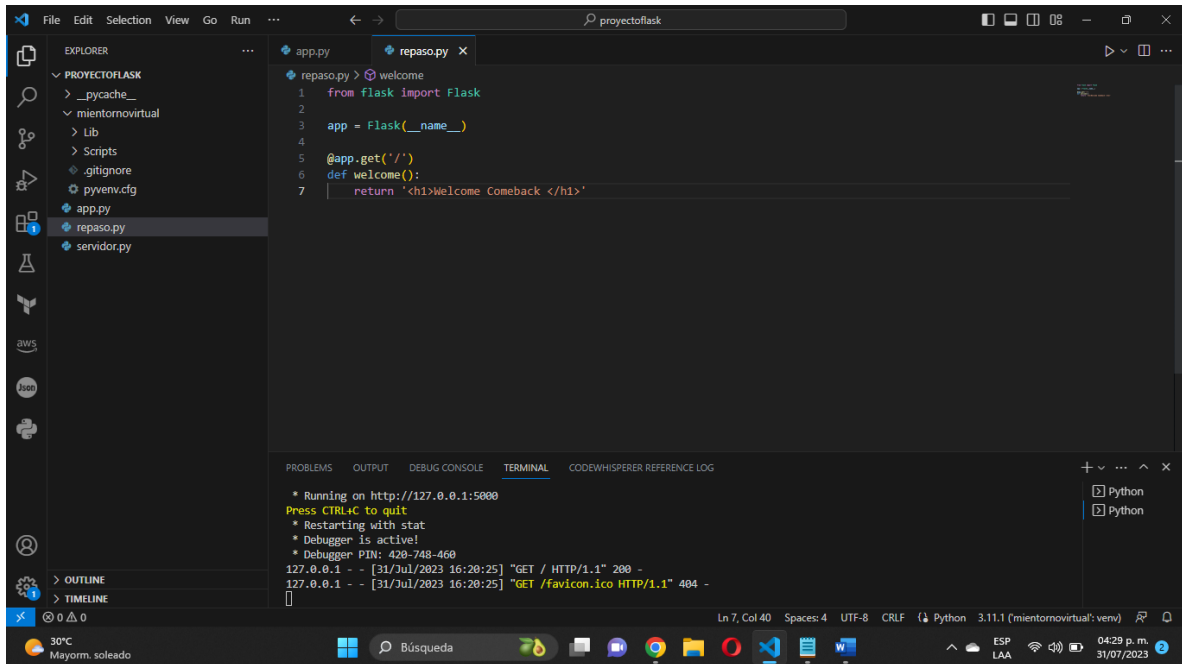


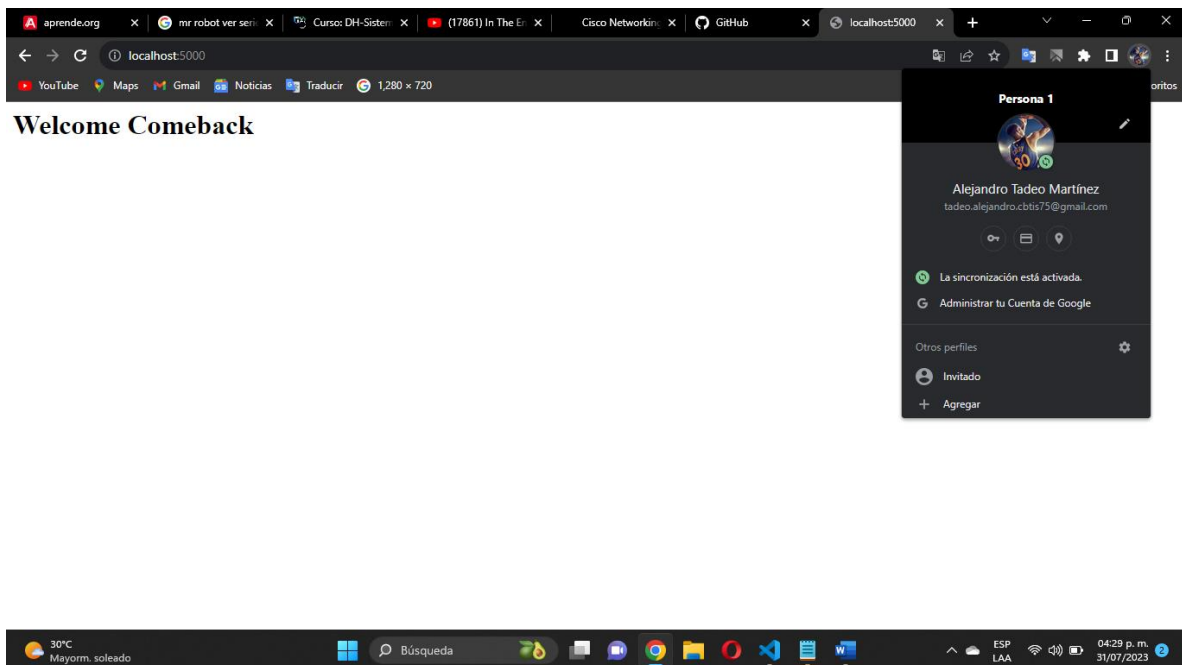
# Practica Alejandro Tadeo Martínez

## Welcome Comeback

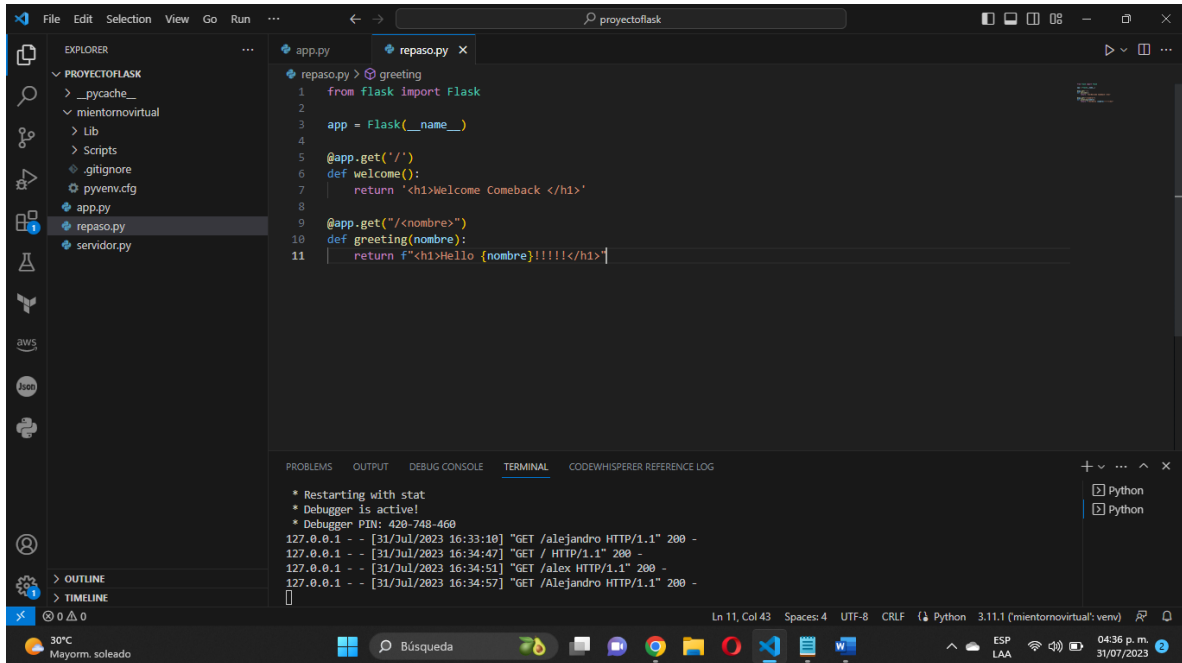


```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.get('/')
6 def welcome():
7     return '<h1>Welcome Comeback </h1>'
```

\* Running on http://127.0.0.1:5000  
Press CTRL+C to quit  
\* Restarting with stat  
\* Debugger is active!  
\* Debugger PIN: 428-748-468  
127.0.0.1 - - [31/Jul/2023 16:20:25] "GET / HTTP/1.1" 200 -  
127.0.0.1 - - [31/Jul/2023 16:20:25] "GET /favicon.ico HTTP/1.1" 404 -



## Modificar el archivo localhost:5000/alex

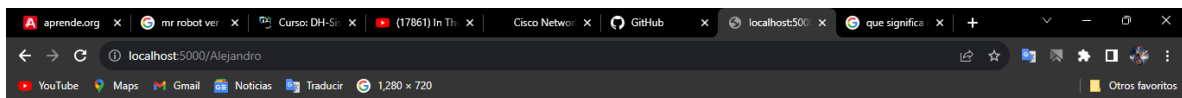


The screenshot shows the Visual Studio Code editor with a project named 'proyecto flask'. The file explorer on the left shows the project structure. The main editor window displays the file 'repaso.py' with the following Python code:

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

The terminal at the bottom shows the application running with the following output:

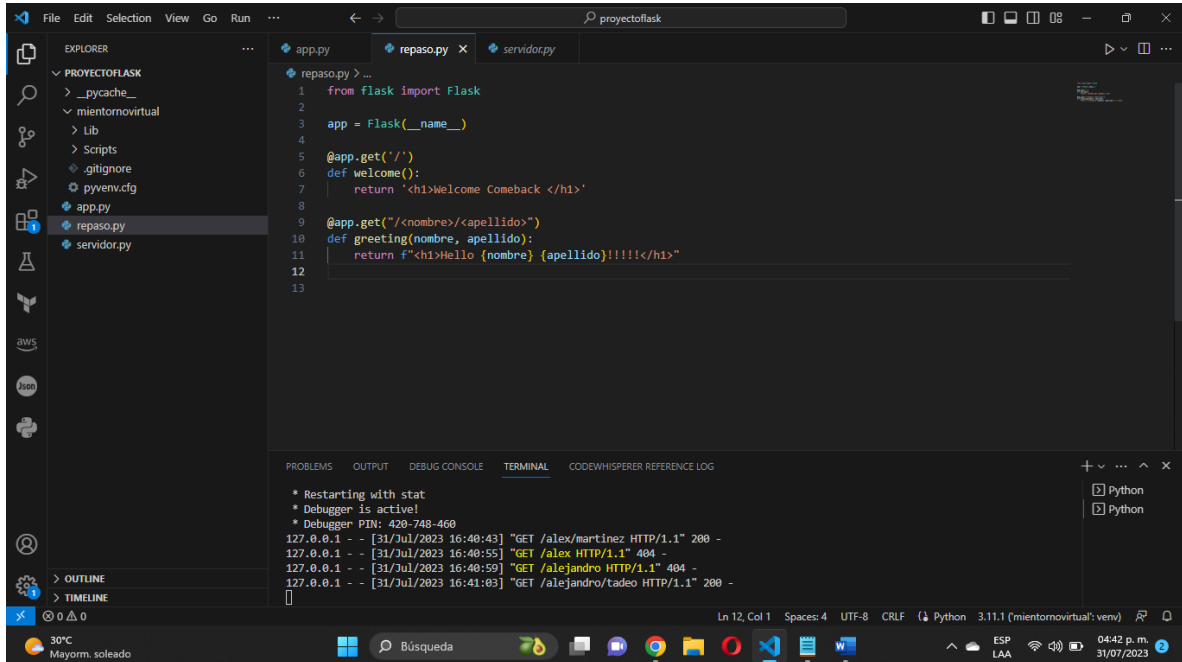
```
* Restarting with stat
* Debugger is active!
* Debugger PIN: 420-748-460
127.0.0.1 - - [31/Jul/2023 16:33:10] "GET /alejandro HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:34:47] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:34:51] "GET /alex HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:34:57] "GET /Alejandro HTTP/1.1" 200 -
```



Hello Alejandro!!!!!!



## Ahora con apellido

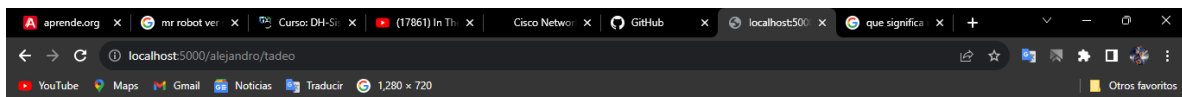


The screenshot shows the Visual Studio Code interface with a project named 'proyectoflask'. The Explorer sidebar on the left shows the file structure with 'repaso.py' selected. The main editor displays the code in 'repaso.py':

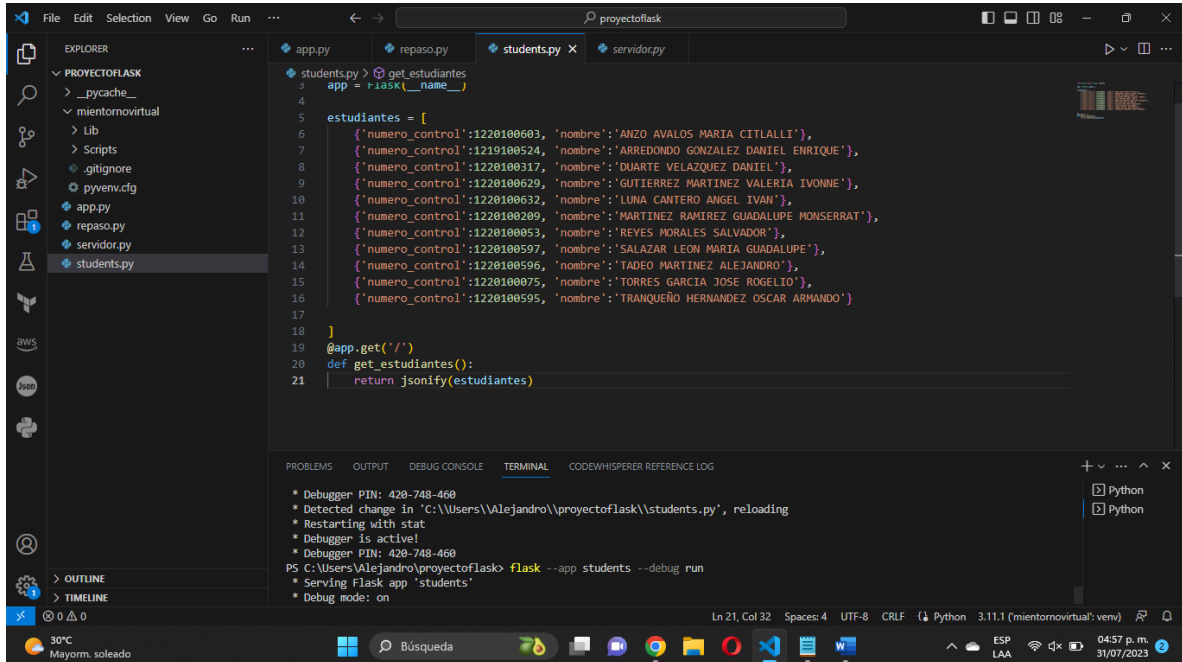
```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.get('/')
6 def welcome():
7     return '<h1>Welcome Comeback </h1>'
8
9 @app.get("/<nombre>/<apellidos>")
10 def greeting(nombre, apellidos):
11     return f"<h1>Hello {nombre} {apellidos}!!!!!!</h1>"
12
13
```

The TERMINAL panel at the bottom shows the server logs:

```
* Restarting with stat
* Debugger is active!
* Debugger PIN: 428-748-468
127.0.0.1 - - [31/Jul/2023 16:40:43] "GET /alex/martinez HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:40:55] "GET /alex HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:40:59] "GET /alejandro HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:41:03] "GET /alejandro/tadeo HTTP/1.1" 200 -
```



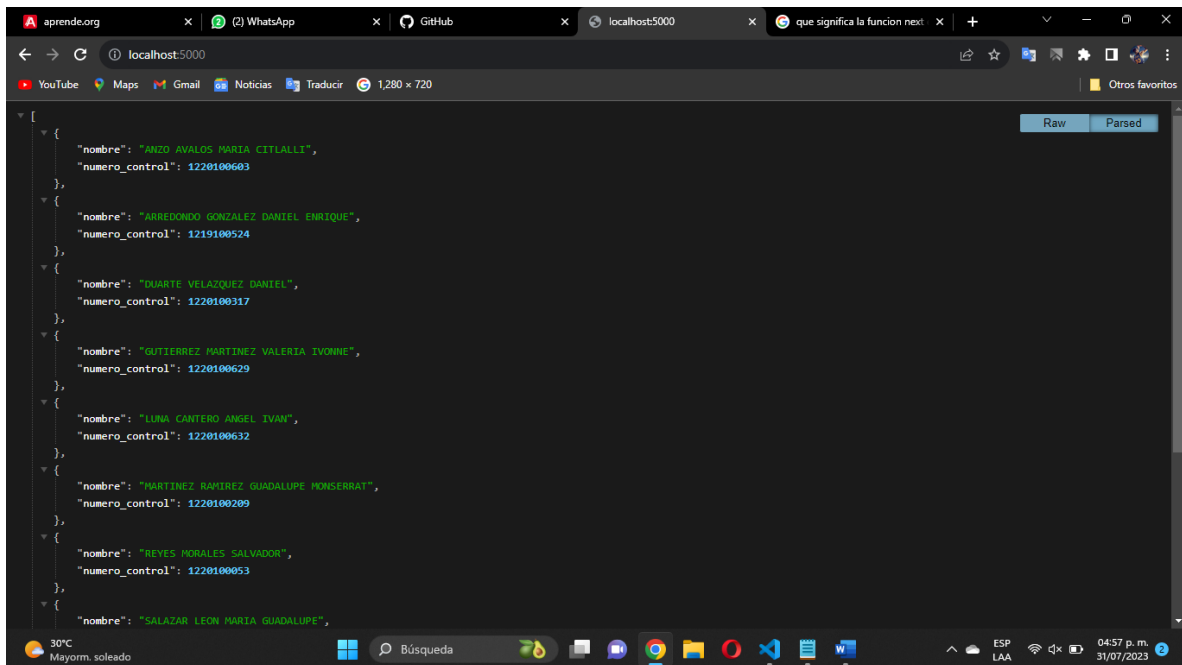
# Estudiantes



The image shows a Visual Studio Code editor window with a project named 'projectoflask'. The file explorer on the left shows the project structure, including files like 'app.py', 'repaso.py', 'students.py', and 'servidor.py'. The 'students.py' file is open in the editor, showing a list of students with their IDs and names. The code is as follows:

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

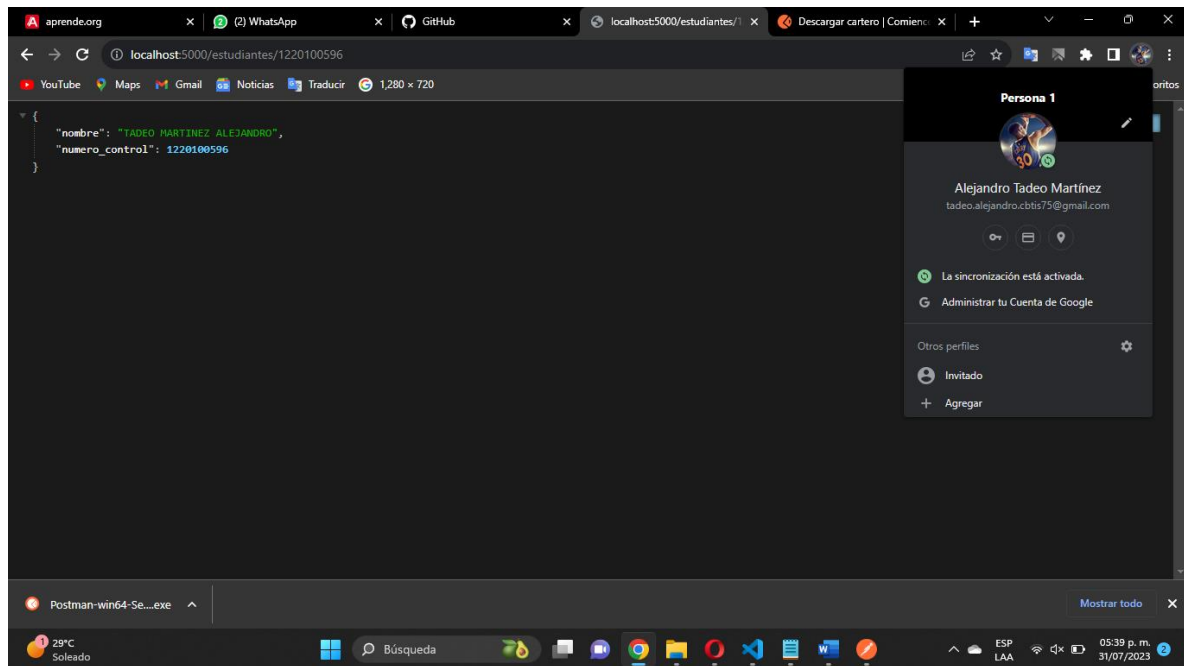
The terminal at the bottom shows the command 'flask --app students --debug run' being executed, and the output indicates that the Flask app is running on port 5000.



The image shows a web browser window with the URL 'localhost:5000'. The browser displays the JSON output of the Flask application, which is a list of students with their IDs and names. The JSON is as follows:

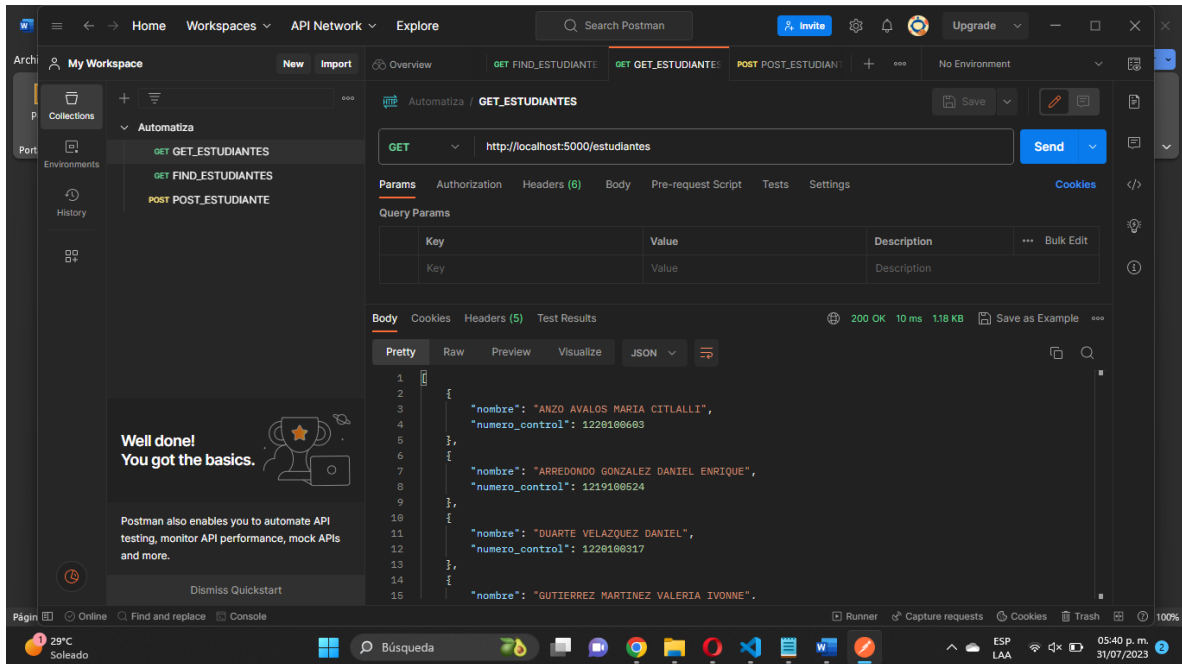
```
[{"nombre": "ANZO AVALOS MARIA CITLALLI", "numero_control": 1220100603}, {"nombre": "ARREDONDO GONZALEZ DANIEL ENRIQUE", "numero_control": 1219100524}, {"nombre": "DUARTE VELAZQUEZ DANIEL", "numero_control": 1220100317}, {"nombre": "GUTIERREZ MARTINEZ VALERIA IVONNE", "numero_control": 1220100629}, {"nombre": "LUNA CANTERO ANGEL IVAN", "numero_control": 1220100632}, {"nombre": "MARTINEZ RAMIREZ GUADALUPE MONSERRAT", "numero_control": 1220100209}, {"nombre": "REYES MORALES SALVADOR", "numero_control": 1220100053}, {"nombre": "SALAZAR LEON MARIA GUADALUPE", "numero_control": 1220100597}, {"nombre": "TADEO MARTINEZ ALEJANDRO", "numero_control": 1220100596}, {"nombre": "TORRES GARCIA JOSE ROGELIO", "numero_control": 1220100075}, {"nombre": "TRANQUEÑO HERNANDEZ OSCAR ARMANDO", "numero_control": 1220100595}]
```

## Ahora obtener solo con el número de control

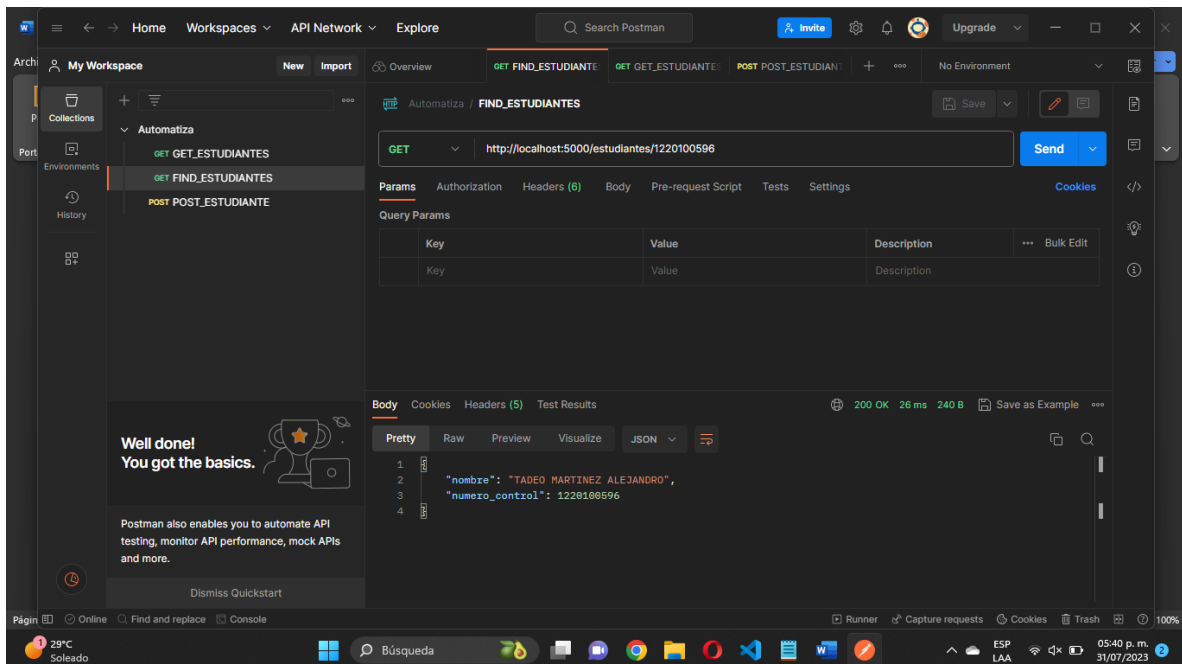


# POSTMAN

## GET\_ESTUDIANTES



## FIND\_ESTUDIANTES



Postman interface showing a GET request to `http://localhost:5000/estudiantes/1220100595`. The response is a JSON object:

```
{  "nombre": "TRANQUEÑO HERNANDEZ OSCAR ARMANDO",  "numero_control1": 1228168595}
```

The status is 200 OK, 27 ms, 254 B.

Postman interface showing a GET request to `http://localhost:5000/estudiantes/1220100597`. The response is a JSON object:

```
{  "nombre": "SALAZAR LEON MARIA GUADALUPE",  "numero_control1": 1228168597}
```

The status is 200 OK, 11 ms, 244 B.

# POST\_ESTUDIANTE

