Flask

Welcome Comeback

File Edit Selection View Go Run Terminal Help

EXPLORER

∨ FLASK PYTHON
  ∨ __pycache__
    ≡ hello.cpython-311.pyc
    ≡ repaso.cpython-311.pyc
    ≡ server.cpython-311.pyc
  🐍 hello.py
  🐍 repaso.py
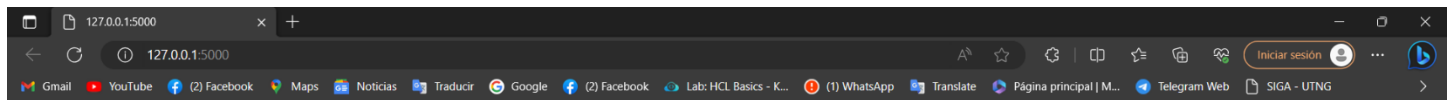 🐍 server.py

hello.py   repaso.py ×   server.py

repaso.py > ...

```python
1    from flask import Flask
2
3    app = Flask(__name__)
4
5    @app.get('/<nombre>')
6    def greeting(nombre):
7        return f'Hello {nombre}'
8
9    |
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
 * Serving Flask app 'repaso'
 * Debug mode: on
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
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 107-935-722
127.0.0.1 - - [31/Jul/2023 16:46:29] "GET / HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:46:35] "GET / HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:46:43] "GET /citlali HTTP/1.1" 200 -
127.0.0.1 - - [31/Jul/2023 16:46:51] "GET /citlalli HTTP/1.1" 200 -
```

Ln 9, Col 1   Spaces: 4   UTF-8   CRLF   Python   3.11.4 64-bit

---

127.0.0.1:5000/citlalli

127.0.0.1:5000/citlalli

Gmail   YouTube   (2) Facebook   Maps   Noticias   Traducir   Google   (2) Facebook   Lab: HCL Basics - K...   (1) WhatsApp   Translate   Página principal | M...   Telegram Web   SIGA - UTNG

Hello citlalli

```python
from flask import Flask

app = Flask(__name__)
'''
@app.get('/<nombre>')
def greeting(nombre):
    return f'Hello {nombre}'
'''
@app.get('/<nombre>/<apellido>')
def greeting(nombre, apellido):
    return f'<h1>Hello {nombre}{apellido}</h1>'
```

```
127.0.0.1 - - [31/Jul/2023 16:46:51] "GET /citlalli HTTP/1.1" 200 -
 * Detected change in 'C:\\Users\\citla\\OneDrive - Universidad Tecnológica del Norte de Guanajuato\\Documentos\\Cutrimestre 8vo\\Automatización De Infraestructura Digital\\Unidad lll\\Flask Python\\repaso.py', reloading
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 107-935-722
 * Detected change in 'C:\\Users\\citla\\OneDrive - Universidad Tecnológica del Norte de Guanajuato\\Documentos\\Cutrimestre 8vo\\Automatización De Infraestructura Digital\\Unidad lll\\Flask Python\\repaso.py', reloading
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 107-935-722
127.0.0.1 - - [31/Jul/2023 16:52:03] "GET /Citlalli/Anzo HTTP/1.1" 200 -
```

Hello CitlalliAnzo

```python
from flask import Flask, jsonify

app = Flask(__name__)

estudiantes = [
    {'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':'TRANQUEÑO HERNANDEZ OSCAR ARMANDO'}

]

@app.get('/estudiantes')
def get_estudiantes():
    return jsonify(estudiantes)
```

```
* Serving Flask app 'server2'
* Debug mode: on
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
* Restarting with stat
* Debugger is active!
* Debugger PIN: 107-935-722
127.0.0.1 - - [31/Jul/2023 16:57:41] "GET / HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:58:09] "GET /Citlalli/Anzo HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:58:13] "GET / HTTP/1.1" 404 -
127.0.0.1 - - [31/Jul/2023 16:59:15] "GET /estudiantes HTTP/1.1" 200 -
```

```json
[
    {
        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
    }
```

```python
from flask import Flask, jsonify, request

app = Flask(__name__)

estudiantes = [
    {'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':'TRANQUEÑO HERNANDEZ OSCAR ARMANDO'}

]

@app.get('/estudiantes')
def get_estudiantes():
    return jsonify(estudiantes)
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 110-184-848
127.0.0.1 - - [04/Aug/2023 14:31:36] "GET / HTTP/1.1" 404 -
127.0.0.1 - - [04/Aug/2023 14:31:44] "GET /estudiantes HTTP/1.1" 200 -
127.0.0.1 - - [04/Aug/2023 14:31:53] "GET /estudiantes HTTP/1.1" 200 -
127.0.0.1 - - [04/Aug/2023 14:33:00] "GET /estudiantes HTTP/1.1" 200 -
 * Detected change in 'C:\\Users\\citla\\OneDrive - Universidad Tecnológica del Norte de Guanajuato\\Documentos\\Cutrimestre 8vo\\Automatización De Infraestructura Digital\\Unidad lll\\Flask Python\\server2.py', reloading
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 110-184-848
```

Automatización   New   Import   Overview   GET http://localhost:5000/est   +

Estudiantes / http://localhost:5000/estudiantes

No Environment

Estudiantes

GET E http://localhost:5000/estudian...

GET http://localhost:5000/estudian...

GET   http://localhost:5000/estudiantes   Send

citlalli
citlanzo0805@gmail.com

View Profile

Settings

Sign Out

Switch Accounts

+ Add Account

Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

Key	Value
Key	
Key	

Body   Cookies   Headers (5)   Test Results   Status: 200 OK   Time: 5 ms   Size: 1.11 KB   Save as Example

Pretty   Raw   Preview   Visualize   JSON

```json
[
    {
        "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
    },
    {
```