



UNIVERSIDAD NACIONAL EXPERIMENTAL DE LAS
TELECOMUNICACIONES E INFORMÁTICA

DESARROLLO DE UN APIS

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app.py

```
#!/usr/bin/python3
# -*- coding: utf-8 -*-
#prueba git 1

from asyncio.log import logger
from flask import Flask
#app = flask.Flask(app)

import logging
logging.basicConfig(
    filename="uneti.log",
    format='%(asctime)s %(message)s',
    filemode='w'
)
logger = logging.getLogger()
logger.setLevel(logging.DEBUG)
```

VISTA DE CÓDIGO FUENTE

```
app = Flask(__name__)

#//////////__SUMA__//////////////////////////////////////////
/////#
@app.route("/cal/sum/<int:val1>/<int:val2>")
def sum(val1, val2):
    rep = "La respuesta de {} + {} =
    {}\n".format(val1, val2, val1+val2)
    logger.info(rep)
    return rep
#\n
```

VISTA DE CÓDIGO FUENTE

```
#//////////__RESTA__//////////  
/////#  
@app.route("/cal/res/<int:val1>/<int:val2>")  
def res(val1, val2):  
    reps = "La respuesta de {} - {} =  
    {}\n".format(val1, val2, val1-val2)  
    logger.info(reps)  
    return reps  
  
#//////////__MULTI__//////////  
/////#  
@app.route("/cal/mul/<int:val1>/<int:val2>")  
def mul(val1, val2):  
    reps = "La respuesta de {} * {} =  
    {}\n".format(val1, val2, val1*val2)  
    logger.info(reps)  
    return reps
```


VISTA DE CÓDIGO FUENTE

```
#//////////__DIV__//////////////////////////////////////////  
/#  
@app.route("/cal/div/<int:val1>/<int:val2>")  
def div(val1, val2):  
    reps = "La respuesta de {} / {} =  
    {}\\n".format(val1, val2, val1/val2)  
    logger.info(reps)  
    return reps
```

ARCHIVOS DE LOGS LUEGO DE LA EJECUCIÓN

uneti.log

```
2022-10-20 14:28:32,959 [31m[1mWARNING: This is a  
development server. Do not use it in a production deployment.  
Use a production WSGI server instead.[0m
```

```
* Running on all addresses (0.0.0.0)
```

```
* Running on http://127.0.0.1:8080
```

```
* Running on http://192.168.100.237:8080
```

```
2022-10-20 14:28:32,959 [33mPress CTRL+C to quit[0m
```

```
2022-10-20 14:28:39,497 La respuesta de  $196 + 69 = 265$ 
```

2022-10-20 14:28:39,498 127.0.0.1 - - [20/Oct/2022 14:28:39]

"GET /cal/sum/196/69 HTTP/1.1" 200 -

2022-10-20 14:28:45,861 La respuesta de $196 - 69 = 127$

2022-10-20 14:28:45,864 127.0.0.1 - - [20/Oct/2022 14:28:45]

"GET /cal/res/196/69 HTTP/1.1" 200 -

2022-10-20 14:28:50,478 La respuesta de $196 * 69 = 13524$

2022-10-20 14:28:50,480 127.0.0.1 - - [20/Oct/2022 14:28:50]

"GET /cal/mul/196/69 HTTP/1.1" 200 -

2022-10-20 14:28:55,982 La respuesta de $196 / 69 =$

2.8405797101449277

2022-10-20 14:28:55,983 127.0.0.1 - - [20/Oct/2022 14:28:55]

"GET /cal/div/196/69 HTTP/1.1" 200 -

