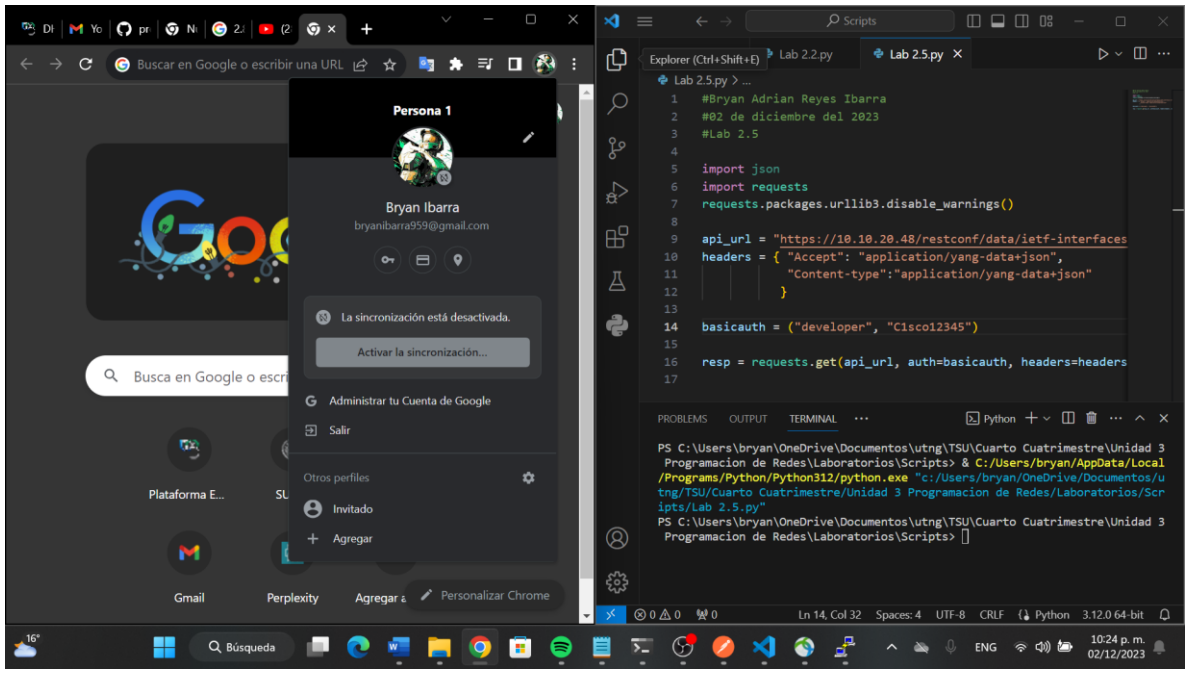
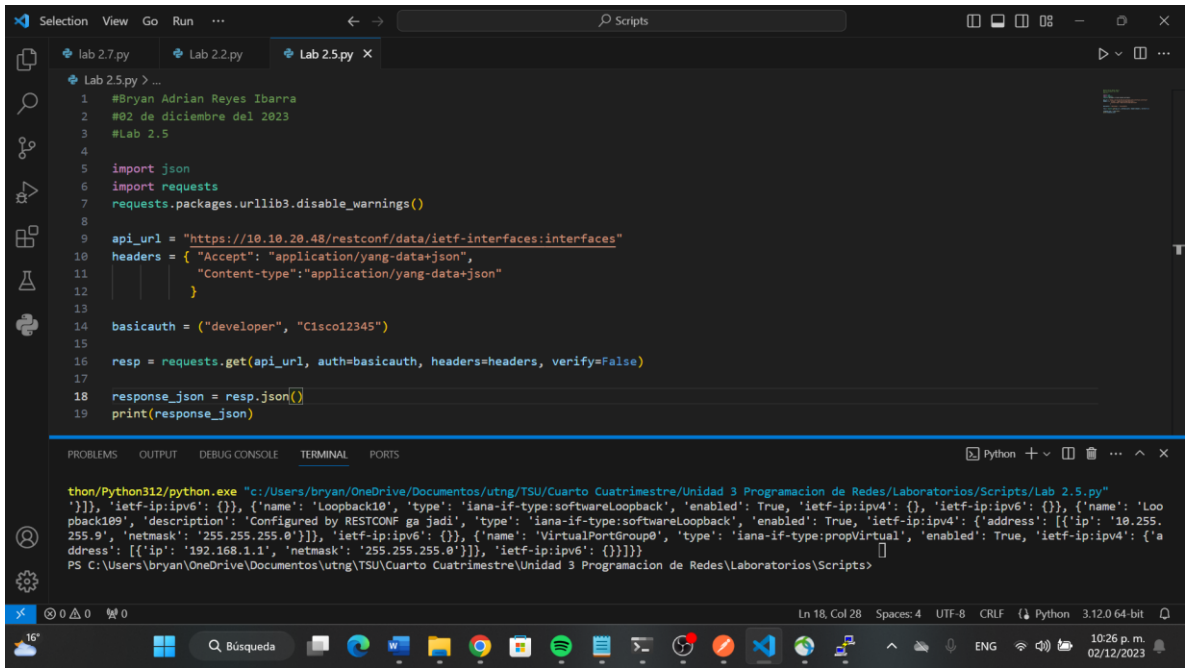
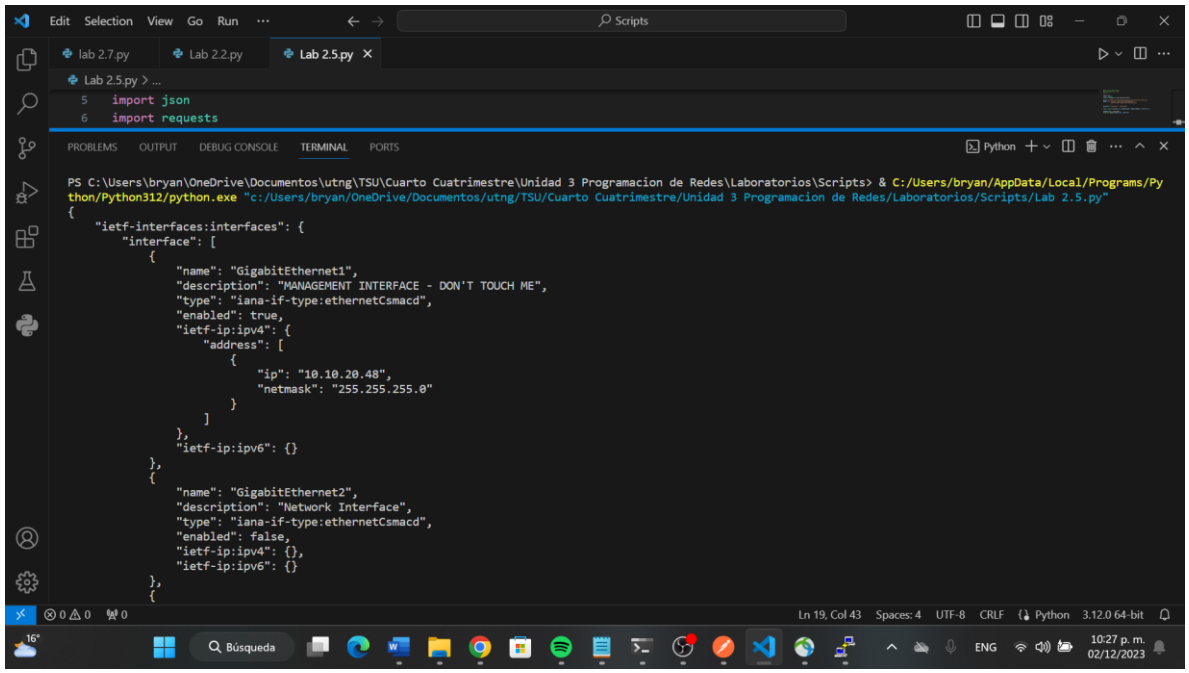
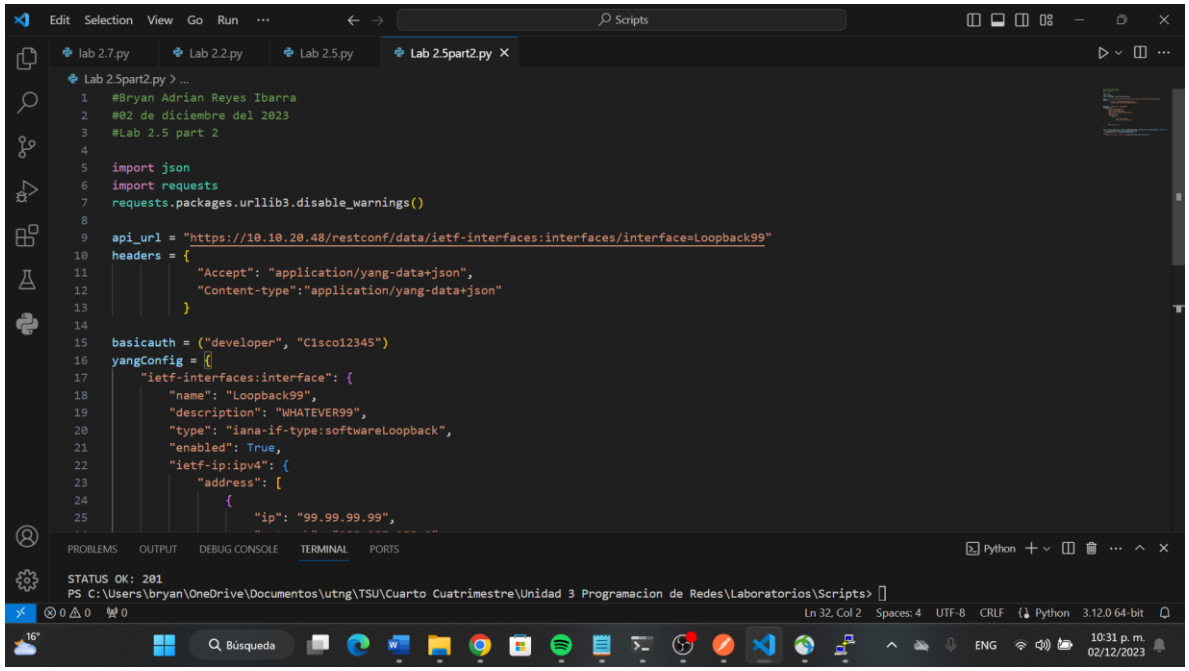
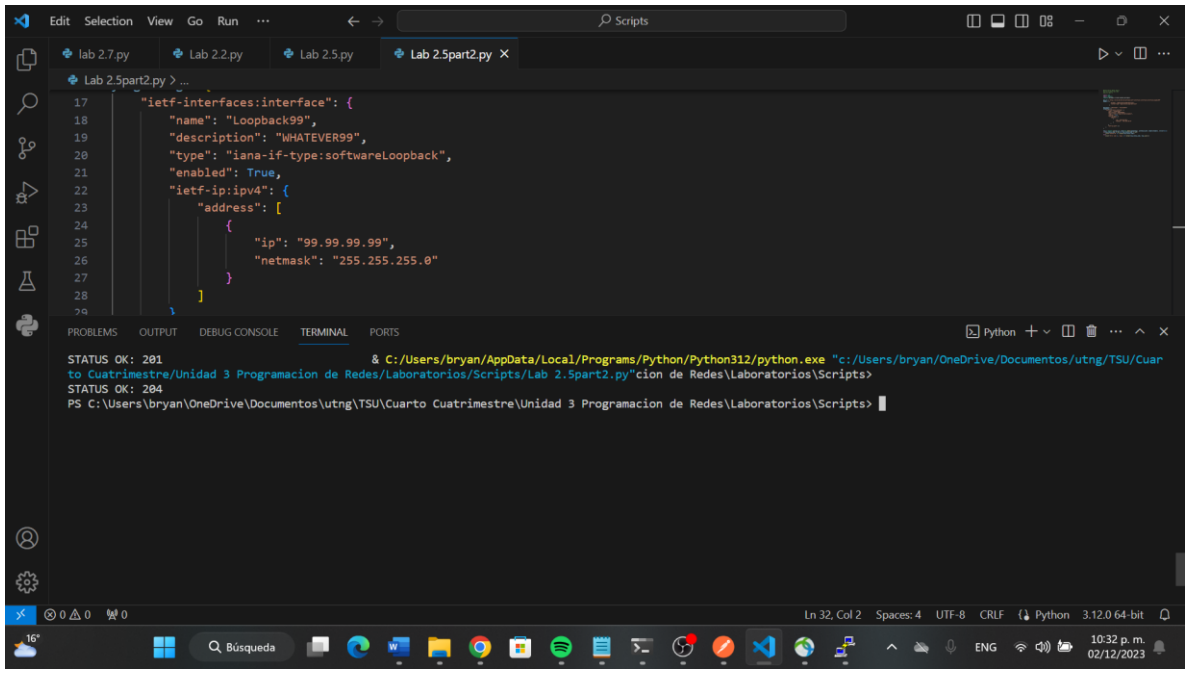
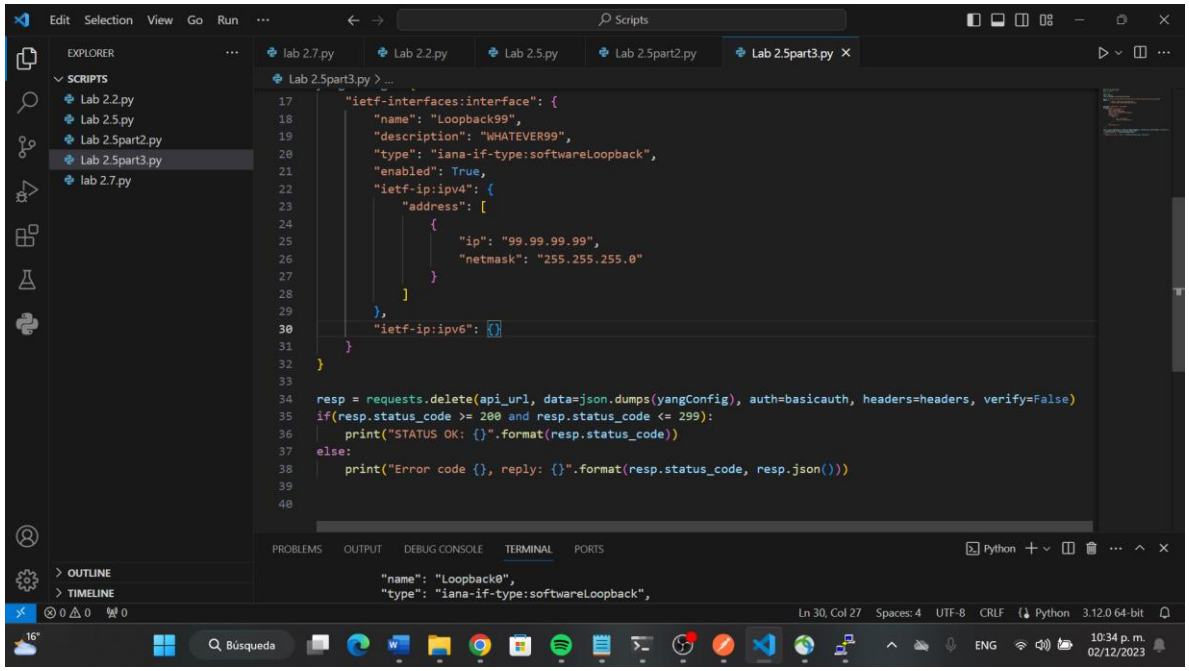

Persona 1
Bryan Ibarra
bryanibarra959@gmail.com
La sincronización está desactivada.
Activar la sincronización...
Administrar tu Cuenta de Google
Salir
Otros perfiles
Invitado
Agregar
Personalizar Chrome
Plataforma E...
Gmail
Perplexity
Lab 2.2.py
Lab 2.5.py
#Bryan Adrian Reyes Ibarra
#02 de diciembre del 2023
#Lab 2.5
import json
import requests
requests.packages.urllib3.disable_warnings()
api_url = "https://10.10.20.48/restconf/data/ietf-interfaces
headers = { "Accept": "application/yang-data+json",
"Content-type":"application/yang-data+json"
}
basicauth = ("developer", "C1sco12345")
resp = requests.get(api_url, auth=basicauth, headers=headers
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts> & C:/Users/bryan/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/bryan/OneDrive/Documentos/utng/TSU/Cuarto Cuatrimestre/Unidad 3 Programacion de Redes/Laboratorios/Scripts/Lab 2.5.py"
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts>
Ln 14, Col 32
Spaces: 4
UTF-8
CRLF
Python
3.12.0 64-bit
Búsqueda
ENG
10:24 p. m.
02/12/2023

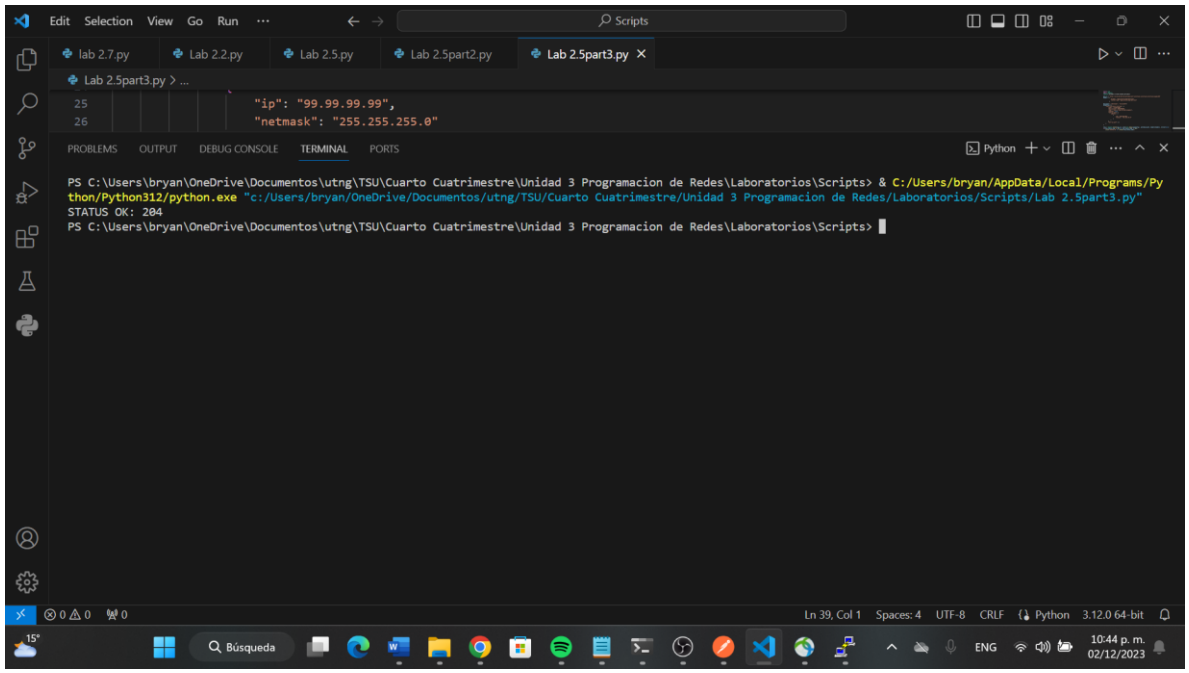

Selection View Go Run
Scripts
lab 2.7.py
Lab 2.2.py
Lab 2.5.py
#Bryan Adrian Reyes Ibarra
#02 de diciembre del 2023
#Lab 2.5
import json
import requests
requests.packages.urllib3.disable_warnings()
api_url = "https://10.10.20.48/restconf/data/ietf-interfaces:interfaces"
headers = { "Accept": "application/yang-data+json",
"Content-type":"application/yang-data+json"
}
basicauth = ("developer", "C1sco12345")
resp = requests.get(api_url, auth=basicauth, headers=headers, verify=False)
response_json = resp.json()
print(response_json)
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
thon/Python312/python.exe "c:/Users/bryan/OneDrive/Documentos/utng/TSU/Cuarto Cuatrimestre/Unidad 3 Programacion de Redes/Laboratorios/Scripts/Lab 2.5.py"
'}]}, 'ietf-ip:ipv6': {}}, {'name': 'Loopback10', 'type': 'iana-if-type:softwareLoopback', 'enabled': True, 'ietf-ip:ipv4': {}, 'ietf-ip:ipv6': {}}, {'name': 'Loopback109', 'description': 'Configured by RESTCONF ga jadi', 'type': 'iana-if-type:softwareLoopback', 'enabled': True, 'ietf-ip:ipv4': {'address': [{'ip': '10.255.255.9', 'netmask': '255.255.255.0'}]}, 'ietf-ip:ipv6': {}}, {'name': 'VirtualPortGroup0', 'type': 'iana-if-type:propVirtual', 'enabled': True, 'ietf-ip:ipv4': {'address': [{'ip': '192.168.1.1', 'netmask': '255.255.255.0'}]}, 'ietf-ip:ipv6': {}}]}
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts>
Ln 18, Col 28
Spaces: 4
UTF-8
CRLF
Python
3.12.0 64-bit
Búsqueda
ENG
10:26 p. m.
02/12/2023


Edit Selection View Go Run
Scripts
lab 2.7.py
Lab 2.2.py
Lab 2.5.py
Lab 2.5.py > ...
5 import json
6 import requests
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts> & C:/Users/bryan/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/bryan/OneDrive/Documentos/utng/TSU/Cuarto Cuatrimestre/Unidad 3 Programacion de Redes/Laboratorios/Scripts/Lab 2.5.py"
{
"ietf-interfaces:interfaces": {
"interface": [
{
"name": "GigabitEthernet1",
"description": "MANAGEMENT INTERFACE - DON'T TOUCH ME",
"type": "iana-if-type:ethernetCsmacd",
"enabled": true,
"ietf-ip:ipv4": {
"address": [
{
"ip": "10.10.20.48",
"netmask": "255.255.255.0"
}
]
},
"ietf-ip:ipv6": {}
},
{
"name": "GigabitEthernet2",
"description": "Network Interface",
"type": "iana-if-type:ethernetCsmacd",
"enabled": false,
"ietf-ip:ipv4": {},
"ietf-ip:ipv6": {}
},
{
Ln 19, Col 43 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
Búsqueda
ENG
10:27 p. m.
02/12/2023


Edit Selection View Go Run
Scripts
lab 2.7.py
Lab 2.2.py
Lab 2.5.py
Lab 2.5part2.py
Lab 2.5part2.py > ...
#Bryan Adrian Reyes Ibarra
#02 de diciembre del 2023
#Lab 2.5 part 2
import json
import requests
requests.packages.urllib3.disable_warnings()
api_url = "https://10.10.20.48/restconf/data/ietf-interfaces:interfaces/interface=Loopback99"
headers = {
"Accept": "application/yang-data+json",
"Content-type":"application/yang-data+json"
}
basicauth = ("developer", "C1sco12345")
yangConfig = {
"ietf-interfaces:interface": {
"name": "Loopback99",
"description": "WHATEVER99",
"type": "iana-if-type:softwareLoopback",
"enabled": True,
"ietf-ip:ipv4": {
"address": [
{
"ip": "99.99.99.99",
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
STATUS OK: 201
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts>
Ln 32, Col 2 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
Búsqueda
ENG
10:31 p. m.
02/12/2023


Edit Selection View Go Run
Scripts
lab 2.7.py
Lab 2.2.py
Lab 2.5.py
Lab 2.5part2.py
Lab 2.5part2.py > ...
"ietf-interfaces:interface": {
"name": "Loopback99",
"description": "WHATEVER99",
"type": "iana-if-type:softwareLoopback",
"enabled": True,
"ietf-ip:ipv4": {
"address": [
{
"ip": "99.99.99.99",
"netmask": "255.255.255.0"
}
]
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
STATUS OK: 201
& C:/Users/bryan/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/bryan/OneDrive/Documentos/utng/TSU/Cuarto Cuatrimestre/Unidad 3 Programacion de Redes/Laboratorios/Scripts/Lab 2.5part2.py"cion de Redes\Laboratorios\Scripts>
STATUS OK: 204
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts>
Ln 32, Col 2 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
Búsqueda
ENG
10:32 p. m.
02/12/2023


Edit Selection View Go Run
Scripts
EXPLORER
SCRIPTS
Lab 2.2.py
Lab 2.5.py
Lab 2.5part2.py
Lab 2.5part3.py
lab 2.7.py
Lab 2.5part3.py
"ietf-interfaces:interface": {
"name": "Loopback99",
"description": "WHATEVER99",
"type": "iana-if-type:softwareLoopback",
"enabled": True,
"ietf-ip:ipv4": {
"address": [
{
"ip": "99.99.99.99",
"netmask": "255.255.255.0"
}
]
},
"ietf-ip:ipv6": {}
}
}
resp = requests.delete(api_url, data=json.dumps(yangConfig), auth=basicauth, headers=headers, verify=False)
if(resp.status_code >= 200 and resp.status_code <= 299):
print("STATUS OK: {}".format(resp.status_code))
else:
print("Error code {}, reply: {}".format(resp.status_code, resp.json()))
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
"name": "Loopback0",
"type": "iana-if-type:softwareLoopback",
OUTLINE
TIMELINE
Ln 30, Col 27 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
Búsqueda
ENG
10:34 p. m.
02/12/2023


Edit Selection View Go Run
Scripts
lab 2.7.py
Lab 2.2.py
Lab 2.5.py
Lab 2.5part2.py
Lab 2.5part3.py
Lab 2.5part3.py > ...
25 "ip": "99.99.99.99",
26 "netmask": "255.255.255.0"
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts> & C:/Users/bryan/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/bryan/OneDrive/Documentos/utng/TSU/Cuarto Cuatrimestre/Unidad 3 Programacion de Redes/Laboratorios/Scripts/Lab 2.5part3.py"
STATUS OK: 204
PS C:\Users\bryan\OneDrive\Documentos\utng\TSU\Cuarto Cuatrimestre\Unidad 3 Programacion de Redes\Laboratorios\Scripts>
Ln 39, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
15°
Búsqueda
ENG
10:44 p. m.
02/12/2023