



```
1 #Bryan Adrian Reyes Ibarra
2 #24 de noviembre del 2023
3 #Lab 2.2
4
5 from netmiko import ConnectHandler
6
7 sshCli = ConnectHandler(
8     device_type='cisco_ios',
9     host='10.10.20.48',
10    port=22,
11    username='developer',
12    password='Cisco12345'
13 )
14
15 output = sshCli.send_command("show ip int brief")
16 print("show ip int brief:\n{}\n".format(output))
```

```
6
7 sshCli = ConnectHandler(
8     device_type='cisco_ios',
9     host='10.10.20.48',
10    port=22,
11    username='developer',
12    password='Cisco12345'
13 )
14
15 output = sshCli.send_command("show ip int brief")
16 print("show ip int brief:\n{}\n".format(output))
```

Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

PS D:\unidad3> & C:/Users/LAB03-01/AppData/Local/Programs/Python/Python312/python.exe d:/unidad3/reyes.py

show ip int brief:

Interface	IP-Address	OK?	Method	Status	Protocol
GigabitEthernet1	10.10.20.48	YES	NVRAM	up	up
GigabitEthernet2	unassigned	YES	NVRAM	administratively down	down
GigabitEthernet3	unassigned	YES	NVRAM	administratively down	down
Loopback0	10.0.0.1	YES	NVRAM	up	up
Loopback10	unassigned	YES	unset	up	up
Loopback109	10.255.255.9	YES	NVRAM	up	up

```
File Edit Selection View Go Run ... Search
reyes.py 1 x Workspace Trust
D:\> unidad3 > reyes.py
1 #Bryan Adrian Reyes Ibarra
2 #24 de noviembre del 2023
3 #Lab 2.2
4 from netmiko import ConnectHandler
5
6 sshCli = ConnectHandler([
7     device_type='cisco_ios',
8     host='10.10.20.48',
9     port=22,
10    username='developer',
11    password='Cisco12345'
12 ])
13
14 output = sshCli.send_command("show ip int brief")
15 print("show ip int brief:\n{}\n".format(output))
16
17 config_commands = [
18     'int loopback 1',
19     'ip address 2.2.2.2 255.255.255.0',
20     'description WHATEVER'
21 ]
22
23 output = sshCli.send_config_set(config_commands)
24
```

[Running] python -u "d:\unidad3\reyes.py"

```
show ip int brief:
Interface      IP-Address      OK? Method Status          Protocol
GigabitEthernet1  10.10.20.48     YES NVRAM  up              up
GigabitEthernet2  unassigned      YES NVRAM  administratively down down
GigabitEthernet3  unassigned      YES NVRAM  administratively down down
Loopback0        10.0.0.1        YES NVRAM  up              up
Loopback1        2.2.2.2         YES manual up              up
Loopback10       unassigned      YES unset  up              up
Loopback109      10.255.255.9    YES NVRAM  up              up
VirtualPortGroup0 192.168.1.1     YES NVRAM  up              up
```