Simple Python Network Scanner

# Python Source Code

import threading

import ipaddress

import subprocess

def ping(ip):

try:

print(f"{ip} is online")

with open('online\_devices.txt', 'a') as f:

f.write(f"{ip}\n")

except subprocess.CalledProcessError:

pass

def main():

network = input("Enter network (CIDR format): ")

try:

net = ipaddress.ip\_network(network, strict=False)

except ValueError:

print("Invalid CIDR format!")

return

threads = []

for ip in net.hosts():

t = threading.Thread(target=ping, args=(ip,))

threads.append(t)

t.start()

for t in threads:

t.join()

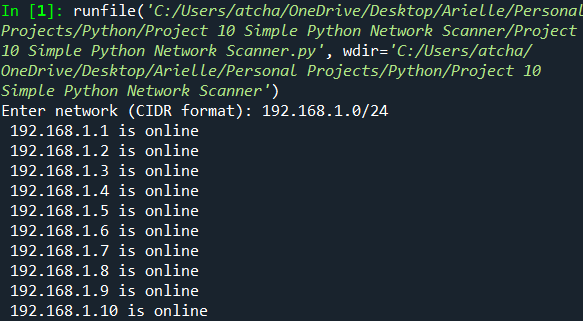
print("Scan complete. Results saved in online\_devices.txt")

if \_\_name\_\_ == "\_\_main\_\_":

main()

# Screenshot of Output

The screenshots below only include the first 10 networks and the last 5 networks.



A screen shot of a computer

AI-generated content may be incorrect.