# PRACTICAL 6

Write application to find the online devices in the network

Code -

import subprocess import socket import requests

print("Devices in the network")

for i in range(140,150):

address = "10.70.3." + str(i) res = subprocess.call(['ping','-

c','1',address],stdout=subprocess.PIPE)

if res ==0:

print(address,"is online")

pid = subprocess.Popen(["arp", "-n", address], stdout=subprocess.PIPE)

s = pid.communicate()[0] print(s)

response = requests.get(f'https://ipapi.co/{address}/json/').json()

location\_data = {

"city": response.get("city"), "region": response.get("region"),

"country": response.get("country\_name")

}

print("Location Information") print(location\_data)

try:

print("Host Name is",socket.gethostbyaddr(address)[0]) except:

print("Unable to find the host name of the devices with IP",address)

print() print()

# Screenshot of Output -

