* **Malicious\_Ports\_Scanner.py**

import socket, threading

from pip.\_vendor.distlib.compat import raw\_input

Host = raw\_input("Enter the address: ")

ip = socket.gethostbyname(Host)

threads= []

open\_ports = {}

def try\_port(ip, port, delay, open\_ports):

sock = socket.socket(socket.AF\_INET, socket.SOCK\_STREAM)

sock.setsockopt(socket.SOL\_SOCKET, socket.SO\_REUSEADDR, 1)

sock.settimeout(delay)

result=sock.connect\_ex((ip, port))

if result == 0:

open\_ports[port] = 'OPEN'

return True

else:

open\_ports[port] = 'CLOSED'

return None

def scan\_ports(ip, delay):

list = [80, 23, 53, 57, 22, 25, 443, 8080, 3389, 143, 456, 25, 110]

for port in range(0, 1023):

thread = threading.Thread(target=try\_port, args=(ip, port, delay, open\_ports))

threads.append(thread)

for i in range(0, 1023):

threads[i].start()

for i in range(0, 1023):

threads[i].join()

for i in list:

if open\_ports[i] == 'OPEN':

print('\n Port Number ' +str(i) + ' is Malicious!!')

print('\n Scanning Done!!!')

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

scan\_ports(ip, 5)

* **OUTPUT SCREENSHOT :**

