import socket

def check\_port(ip, port):

try:

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

sock.settimeout(1)

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

if result == 0:

print(f"Port {port} is open on {ip}")

else:

print(f"Port {port} is closed on {ip}")

sock.close()

except socket.error as e:

print(f"Error: {e}")

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

ip = input("Enter IP address to scan: ")

port = int(input("Enter port to scan: "))

check\_port(ip, port)