lock = threading.Lock()  
openNum = 0  
threads = []  
  
#1  
def giapfi():  
    ip=input("please input ip(192.168.0.106):")  
    port=eval(input("please input port(1-port):"))  
    return ip,port  
      
def portScanner(host,port):  
    global openNum  
    try:  
          
        s = socket(AF\_INET,SOCK\_STREAM)  
        #6  
        s.connect((host,port))  
        lock.acquire()  
        openNum+=1  
        print(&apos;[+] %d open&apos; % port)  
        lock.release()  
        #7  
        s.close()  
    except:  
        pass  
  
def main():  
    setdefaulttimeout(1)  
    #2  
    ip,port=giapfi()  
    #3.4  
    for p in range(1,port):  
        t = threading.Thread(target=portScanner,args=(ip,p))  
        threads.append(t)  
        t.start()       
  
    for t in threads:  
        t.join()  
  
    print(&apos;[\*] The scan is complete!&apos;)  
    print(&apos;[\*] A total of %d open port &apos; % (openNum))  
  
if \_\_name\_\_ == &apos;\_\_main\_\_&apos;:  
    main()