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March 7, 2019

CSC 3320 – Assignment 5

**Input (Screenshot):**

A screenshot of a cell phone

Description automatically generated

**Input (Code):**

import socket

import subprocess

import sys

subprocess.call('clear', shell=True) #clears the screen

remoteServer = raw\_input("Enter a remote(IP Address) host to scan: ") #asks for the input by the user

remoteServerIP = socket.gethostbyname(remoteServer)

print "-" \* 60

print "Have patience, scanning remote host", remoteServerIP

print "-" \* 60

# Scans all the ports between 1 and 1024

try:

for port in range(1,1025):

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

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

if result == 0:

print "Port {} is Open".format(port)

sock.close()

except socket.gaierror:

print 'Hostname could not be found. Ba Bye!'

sys.exit()

except socket.error:

print "Couldn't connect to the server"

sys.exit()

**Output (Screenshot):**

**A screenshot of a computer

Description automatically generated**