Question 1: In the program, what is the line for creating a socket?

* line 25

Question 2: In the program, what are the three lines that are used to obtain the start time, end time and elapsed time?

* Qn2 line 20, 32, and 35

#!/usr/bin/env python

import socket

import subprocess

import sys

from datetime import datetime

# Clear the screen

subprocess.call('cls', shell=True)

# Ask for input

remoteServer = input("Enter a remote host to scan: ")

remoteServerIP = socket.gethostbyname(remoteServer)

# Print a nice banner with information on which host we are about to scan

print("-" \* 60)

print("Please wait, scanning remote host", remoteServerIP)

print("-" \* 60)

# Check what time the scan started

t1 = datetime.now()

try:

# Using the range function to specify ports

for port in range(21,81):

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

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

if result == 0:

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

sock.close()

except KeyboardInterrupt:

print("You pressed Ctrl+C")

sys.exit()

except socket.gaierror:

print('Hostname could not be resolved. Exiting')

sys.exit()

except socket.error:

print("Couldn't connect to server")

sys.exit()

# Checking the time again

t2 = datetime.now()

# Calculates the difference of time, to see how long it took to run the script

total = t2 - t1

# Printing the information to screen

print('Scanning Completed in: ', total)