

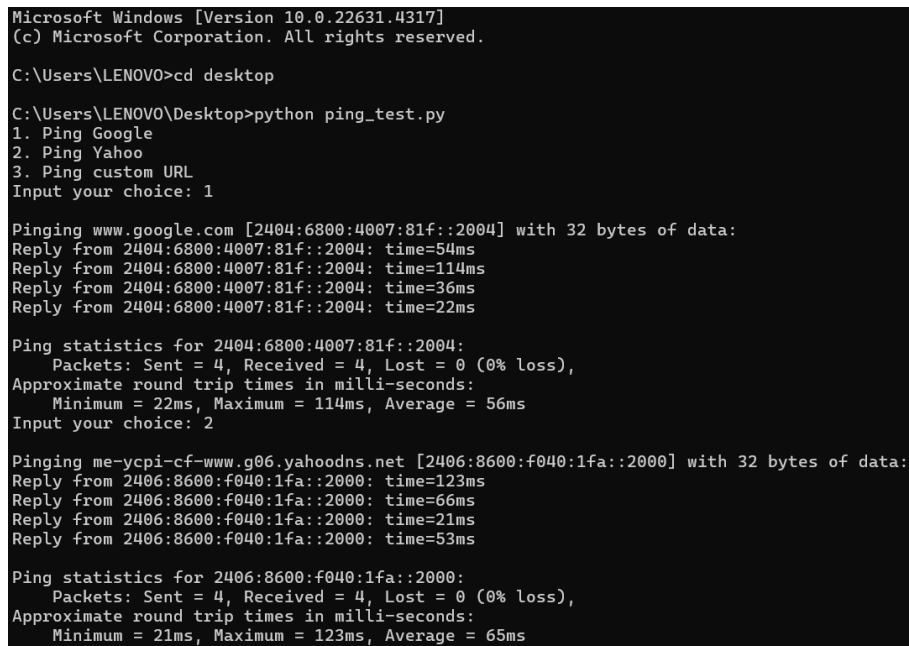
**EX:10A**

**DATE: 18/09/24**

## **CUSTOMIZED PING COMMAND TO TEST THE SERVER CONNECTIVITY**

**AIM:** to ping command to test the server connectivity

```
from os import system
print('1. Ping Google')
print('2. Ping Yahoo')
print('3. Ping custom URL')
while True:
    key = int(input('Input your choice:
    ')) if key == 1:
        system("ping www.google.com")
    elif key == 2:
        system("ping
    www.yahoo.com") elif key == 3:
        url = input('Enter URL: ')
        system("ping " + url)
    else:
        print("Invalid Option!")
```



```
Microsoft Windows [Version 10.0.22631.4317]
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C:\Users\LENOVO>cd desktop

C:\Users\LENOVO\Desktop>python ping_test.py
1. Ping Google
2. Ping Yahoo
3. Ping custom URL
Input your choice: 1

Pinging www.google.com [2404:6800:4007:81f::2004] with 32 bytes of data:
Reply from 2404:6800:4007:81f::2004: time=54ms
Reply from 2404:6800:4007:81f::2004: time=114ms
Reply from 2404:6800:4007:81f::2004: time=36ms
Reply from 2404:6800:4007:81f::2004: time=22ms

Ping statistics for 2404:6800:4007:81f::2004:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 22ms, Maximum = 114ms, Average = 56ms
Input your choice: 2

Pinging me-ycpi-cf-www.g06.yahoodns.net [2406:8600:f040:1fa::2000] with 32 bytes of data:
Reply from 2406:8600:f040:1fa::2000: time=123ms
Reply from 2406:8600:f040:1fa::2000: time=66ms
Reply from 2406:8600:f040:1fa::2000: time=21ms
Reply from 2406:8600:f040:1fa::2000: time=53ms

Ping statistics for 2406:8600:f040:1fa::2000:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 21ms, Maximum = 123ms, Average = 65ms
```

**RESULT:** Server connectivity has been tested using ping command