Project **6**

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INSTRUCTION:
- Please use this template to provide your answers
- You need to complete the questions independently
- After you complete the questions, please print this Word document to PDF and name the PDF file to LASTNAME_FIRSTNAME_Project#.pdf (replace # by the project number).
- Submit the PDF file to D2L.

Question **1**

Code is completed

Question **2**

```
sidamarnath@Sids-MacBook-Pro-2 Project6 % sudo python3 icmp_pinger_skeleton.py
Pinging 127.0.0.1 using Python:

delay: 0.092 (ms)
delay: 0.294 (ms)
delay: 0.286 (ms)
delay: 0.271 (ms)
delay: 0.261 (ms)
delay: 0.279 (ms)
delay: 0.264 (ms)
delay: 0.268 (ms)
delay: 0.287 (ms)
delay: 0.266 (ms)

Ping statistics for 127.0.0.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 0.092ms, Maximum = 0.294ms, Average = 0.257ms
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Pinging 172.217.5.14 using Python:

delay: 13.925 (ms)
delay: 20.407 (ms)
delay: 20.372 (ms)
delay: 26.944 (ms)
delay: 13.774 (ms)
delay: 19.200 (ms)
delay: 20.916 (ms)
delay: 22.473 (ms)
delay: 25.554 (ms)
delay: 20.351 (ms)

Ping statistics for 172.217.5.14:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 13.774ms, Maximum = 26.944ms, Average = 20.392ms
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Pinging 151.101.2.216 using Python:

delay: 21.826 (ms)
delay: 20.228 (ms)
delay: 24.461 (ms)
delay: 22.095 (ms)
delay: 16.029 (ms)
delay: 13.797 (ms)
delay: 21.094 (ms)
delay: 19.657 (ms)
delay: 26.884 (ms)
delay: 17.387 (ms)

Ping statistics for 151.101.2.216:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 13.797ms, Maximum = 26.884ms, Average = 20.346ms
-------------------------
Pinging 166.111.4.100 using Python:

delay: 216.498 (ms)
delay: 323.401 (ms)
delay: 325.918 (ms)
delay: 325.032 (ms)
delay: 221.035 (ms)
delay: 325.800 (ms)
```

```
delay: 19.657 (ms)
delay: 26.884 (ms)
delay: 17.387 (ms)

Ping statistics for 151.101.2.216:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 13.797ms, Maximum = 26.884ms, Average = 20.346ms
------------------------
Pinging 166.111.4.100 using Python:

delay: 216.498 (ms)
delay: 323.401 (ms)
delay: 325.918 (ms)
delay: 325.032 (ms)
delay: 221.035 (ms)
delay: 325.800 (ms)
delay: 326.700 (ms)
delay: 324.609 (ms)
delay: 327.063 (ms)
delay: 331.813 (ms)

Ping statistics for 166.111.4.100:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 216.498ms, Maximum = 331.813ms, Average = 304.787ms
------------------------
Pinging 8.8.8.8 using Python:

delay: 14.214 (ms)
delay: 20.955 (ms)
delay: 23.402 (ms)
delay: 27.935 (ms)
delay: 18.893 (ms)
delay: 21.804 (ms)
delay: 17.766 (ms)
delay: 13.697 (ms)
delay: 26.168 (ms)
delay: 21.475 (ms)

Ping statistics for 8.8.8.8:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 13.697ms, Maximum = 27.935ms, Average = 20.631ms
------------------------
Pinging 104.17.191.191 using Python:

delay: 21.764 (ms)
delay: 20.838 (ms)
delay: 15.622 (ms)
delay: 18.043 (ms)
delay: 20.644 (ms)
delay: 21.688 (ms)
delay: 21.751 (ms)
delay: 17.886 (ms)
delay: 19.479 (ms)
delay: 23.763 (ms)

Ping statistics for 104.17.191.191:
    Packets: Sent = 10, Received = 10, Lost = 0 (0.0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 15.622ms, Maximum = 23.763ms, Average = 20.148ms
sidamarnath@Sids-MacBook-Pro-2 Project6 %
```