Project 2: Server and Client Output

Server Output:

The server is running on host h1 within Mininet. The server determines whether or not to echo back the message it receives from the client. If it chooses to do so, it prints out the client's IP address followed by either "echoed" or "refused!"

Client Output:

```
TootBrininet-wm''/cst3ii_group4/PR2/src# python3 PR2_Q.Client_Team4.py
| rootBrininet-wm''/cst3ii_group4/PR2/src# python3 PR2_Q.Client_Team4.py
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.254
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.138
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.148
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.108
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.018
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.061
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.061
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.046
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.046
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.046
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| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.046
| Pring ii zample_ntt = 0.500 ms, estimated_rtt = 0.500 ms, dev_rtt = 0.046
|
```

The client is running on host h2 within Mininet. The client prints out the sample, estimate, and deviation of the round trip time after performing the

calculation for each in milliseconds. All calculations are rounded to three decimal points. When the client program finishes running, a summary result is generated, which includes the minimum, maximum, and average round trip times in milliseconds. Additionally, the packet loss is printed as a percentage, and the timeout interval is calculated and displayed in milliseconds.