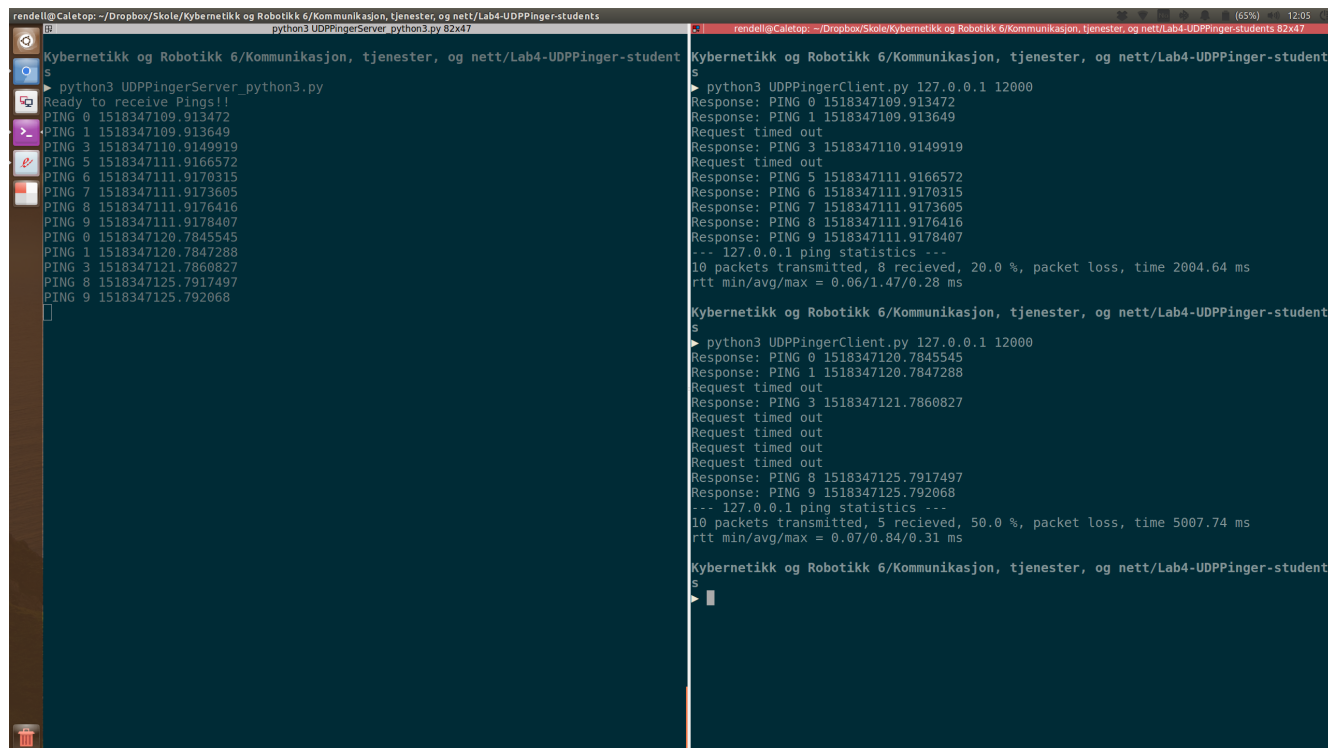


## Screenshots

Running the pinger server on the left terminal, while running the client twice from the right terminal.



The image shows two terminal windows side-by-side. The left window is titled 'rendell@Caletop: ~/Dropbox/Skole/Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student' and shows the execution of 'python3 UDPPingerServer.py python3.py 82x47'. The server is ready to receive pings and lists several IP addresses. The right window is titled 'rendell@Caletop: ~/Dropbox/Skole/Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student 82x47' and shows the execution of 'python3 UDPPingerClient.py 127.0.0.1 12000'. The client sends pings to the server, and the server responds with IP addresses and ping statistics.

```
rendell@Caletop: ~/Dropbox/Skole/Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student
python3 UDPPingerServer.py python3.py 82x47

Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student
$
> python3 UDPPingerServer.py python3.py
Ready to receive Pings!!
PING 0 1518347109.913472
PING 1 1518347109.913649
PING 3 1518347110.9149919
PING 5 1518347111.9166572
PING 6 1518347111.9170315
PING 7 1518347111.9173605
PING 8 1518347111.9176416
PING 9 1518347111.9178407
PING 0 1518347120.7845545
PING 1 1518347120.7847288
PING 3 1518347121.7860827
PING 8 1518347125.7917497
PING 9 1518347125.792068
$

rendell@Caletop: ~/Dropbox/Skole/Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student 82x47
$
> python3 UDPPingerClient.py 127.0.0.1 12000
Response: PING 0 1518347109.913472
Response: PING 1 1518347109.913649
Request timed out
Response: PING 3 1518347110.9149919
Request timed out
Response: PING 5 1518347111.9166572
Response: PING 6 1518347111.9170315
Response: PING 7 1518347111.9173605
Response: PING 8 1518347111.9176416
Response: PING 9 1518347111.9178407
-- 127.0.0.1 ping statistics --
10 packets transmitted, 8 recieved, 20.0 %, packet loss, time 2004.64 ms
rtt min/avg/max = 0.06/1.47/0.28 ms

Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student
$
> python3 UDPPingerClient.py 127.0.0.1 12000
Response: PING 0 1518347120.7845545
Response: PING 1 1518347120.7847288
Request timed out
Response: PING 3 1518347121.7860827
Request timed out
Request timed out
Request timed out
Request timed out
Request timed out
Response: PING 8 1518347125.7917497
Response: PING 9 1518347125.792068
-- 127.0.0.1 ping statistics --
10 packets transmitted, 5 recieved, 50.0 %, packet loss, time 5007.74 ms
rtt min/avg/max = 0.07/0.84/0.31 ms

Kybernetikk og Robotikk 6/Kommunikasjon, tjenester, og nett/Lab4-UDPPinger-student
$
>
```