

Manual

1. Open two terminals on the file
2. Run `./gradlew runServerApp` on one of terminals, then run `./gradlew runClientApp` on another terminal

Running screenshot

1. SERVER

```
prg_exercise04>gradlew runServerApp
> Task :runServerApp
Server started on port: 27780
Connected from /127.0.0.1:58649
Connected from /127.0.0.1:58650
Connected from /127.0.0.1:58655
Connected from /127.0.0.1:58656
Connected from /127.0.0.1:58657
Connected from /127.0.0.1:58658
Connected from /127.0.0.1:58659
Connected from /127.0.0.1:58660
Connected from /127.0.0.1:58661
Connected from /127.0.0.1:58662
<=====-----> 75% EXECUTING [1h 23m 3s]
> :runServerApp
_
```

2. CLIENT

```
prg_exercise04>gradlew runClientApp
Starting a Gradle Daemon, 1 busy and 1 incompatible Daemons could not be reused, use --status for details
> Task :runClientApp

Client /127.0.0.1:58649 is going to connect server
Artificial delay: 55
T4_sendReq:2022-01-23T07:03:25.627
t3_RcReq:2022-01-23T07:03:26.789
t2_sendReponse:2022-01-23T07:03:27.304
t1_RecReponse:2022-01-23T07:03:26.260
d is :118.0      o is: 1103.0

Client /127.0.0.1:58650 is going to connect server
Artificial delay: 71
T4_sendReq:2022-01-23T07:03:26.308
t3_RcReq:2022-01-23T07:03:27.479
t2_sendReponse:2022-01-23T07:03:27.984
t1_RecReponse:2022-01-23T07:03:26.955
d is :142.0      o is: 1100.0

Client /127.0.0.1:58655 is going to connect server
Artificial delay: 96
T4_sendReq:2022-01-23T07:03:26.956
t3_RcReq:2022-01-23T07:03:28.152
t2_sendReponse:2022-01-23T07:03:28.666
t1_RecReponse:2022-01-23T07:03:27.663
d is :193.0      o is: 1099.0

Client /127.0.0.1:58656 is going to connect server
Artificial delay: 63
T4_sendReq:2022-01-23T07:03:27.663
t3_RcReq:2022-01-23T07:03:28.826
t2_sendReponse:2022-01-23T07:03:29.327
t1_RecReponse:2022-01-23T07:03:28.290
d is :126.0      o is: 1100.0

Client /127.0.0.1:58657 is going to connect server
Artificial delay: 63
T4_sendReq:2022-01-23T07:03:28.290
```