# **WHEREY**

To execute the system without docker.

1. Open a new terminal.

Start the HTTP server.

User> python3 webhttpserver.py

This server listens on port 8888.

1. Open a new terminal.

Start the HTTP client.

User> python3 webhttpclient.py

The client also behaves as a HTTP server to get the parameters from the Controller and thus, it also listens on port 8890.

1. Open a new terminal.

Start the Controller.

User> python3 Controller.py

As the controller also needs to behave as a server to receive the network measurements form the server, it listens on port 8900.

1. The controller asks for user inputs for the parameters to be passed to the client:

Localhost:

Request Type (GET/POST):

File to be downloaded:

File size:

1. If the request type is POST, it will further ask to enter the data to be sent along with the request.
2. Once this request along with the entered parameters reaches client, the client shows that it has replied for this request.
3. Interrupt the client with Ctrl+C. As the client is interrupted, it makes a GET or POST request and sends it to the server.
4. The server serves this request and takes the network measurement and sends it to the Controller and you can see the measurements on Controller.