

# Report

翁牧言 521030910007

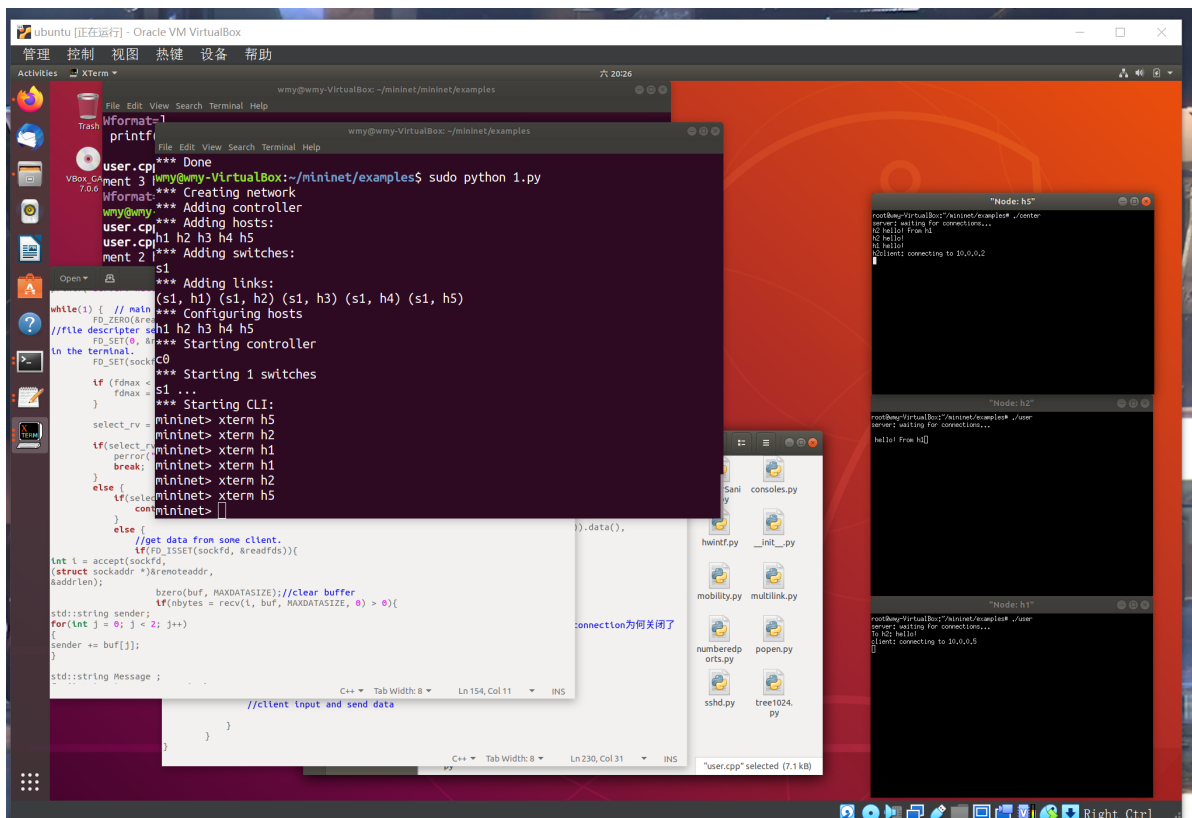
## 1

With the socket programming, we can build a chatting room with a center.

The basic idea is that user send the message and the receiver to the center, namely h5. Then h5 send it to the correct receiver.

We should notice that the forms of these two messages are different, which we have to transfer it.

The basic coding frame is from the guide [https://beej-zhcn.netdpi.net/client-server\\_basic/jian\\_dan\\_de\\_stream\\_server](https://beej-zhcn.netdpi.net/client-server_basic/jian_dan_de_stream_server) and [https://beej-zhcn.netdpi.net/client-server\\_basic/jian\\_dan\\_de\\_stream\\_client](https://beej-zhcn.netdpi.net/client-server_basic/jian_dan_de_stream_client).



## 2

When it turns to no center, every message will be sent to the broadcast address 10.255.255.255 and then broadcast it to reach the receiver.

The basic coding frame is given on [https://beej-zhcn.netdpi.net/advanced\\_tech/guang\\_bo\\_feng\\_bao\\_ff1a\\_hello\\_world](https://beej-zhcn.netdpi.net/advanced_tech/guang_bo_feng_bao_ff1a_hello_world).

