Test cases for MP1

Test 1 Line of Text Terminated by a Newline

A screenshot of a computer

Description automatically generated

The client is able to connect to the server and the server gives the client a PID for forking. The server is able to echo what the client input on the port.

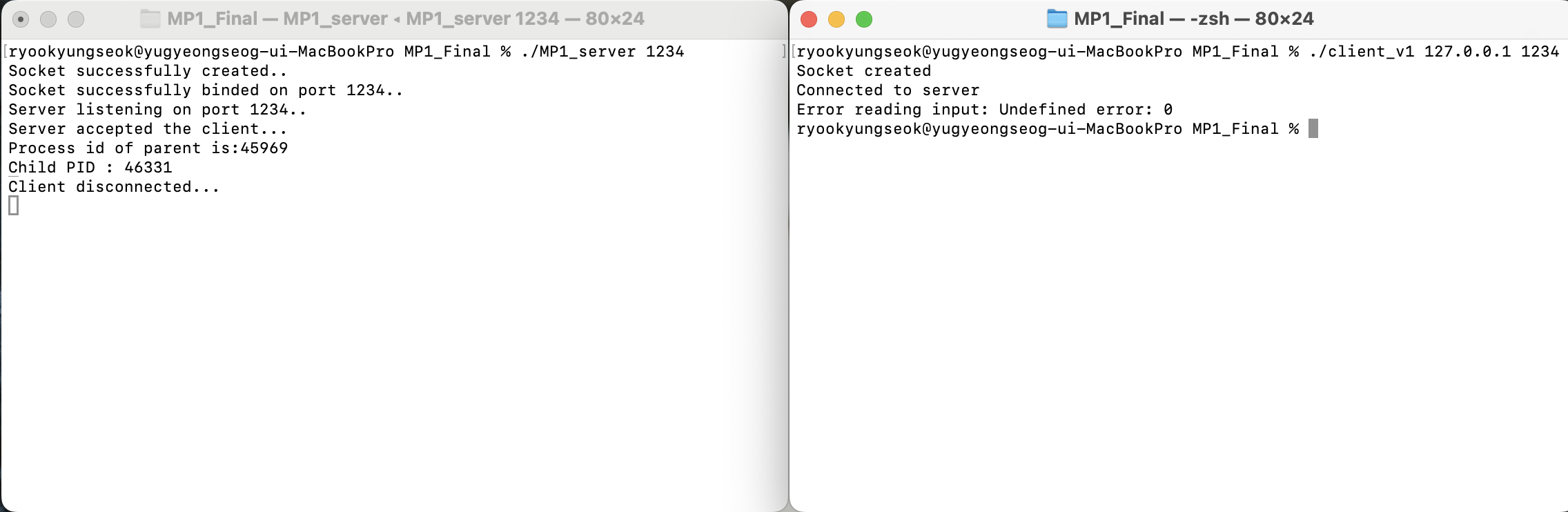
Test 2 Line of Text the Maximum Line Length Without a Newline

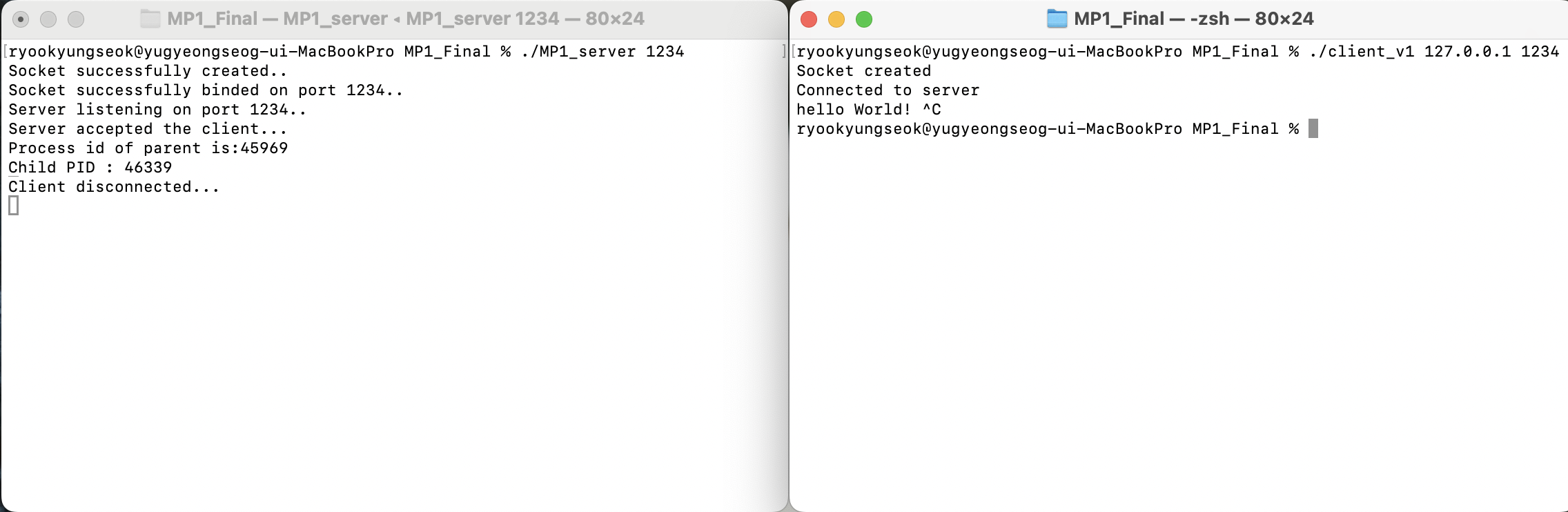
A screenshot of a computer

Description automatically generated

The maximum characters able to be sent without breaking up was at 80 characters.

Test 3 Line with No Characters and EOF

  
The server disconects with the client after receiving an EOF (crtl-D)

Test Case 4: Client Terminated After Entering Text  


If the client is terminated after entering text, the text doesn’t go through to the server and results in a disconnection.

Test 5 Three Clients Connected to the Server

A screenshot of a computer

Description automatically generated

The server is able to accept 3 clients at once and can differanciate them with child PIDs