Protocol Definition

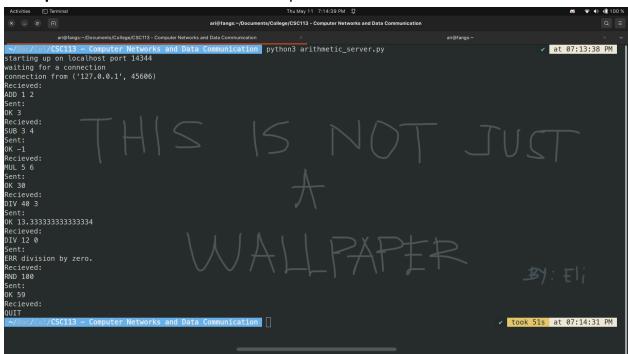
Client can send any of the following commands:

```
ADD <N1> <N2> - to add N1 and N2
SUB <N1> <N2> - to subtract N2 from N1
MUL <N1> <N2> - to multiply N1 by N2
DIV <N1> <N2> - to divide N1 by N2
RND <N> - to generate a random number between 1 and N, inclusive
HELP [command] - to display the syntax and semantics of a specific command. If no command is specified, it will display all the available commands and their meanings
QUIT - to end the current session of the arithmetic server
```

The server responds as follows::

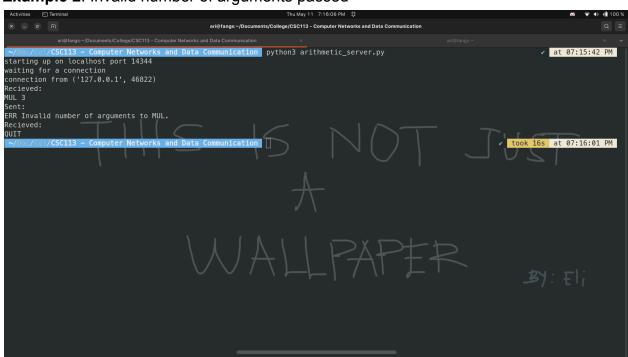
SAMPLE CLIENT-SERVER SESSIONS

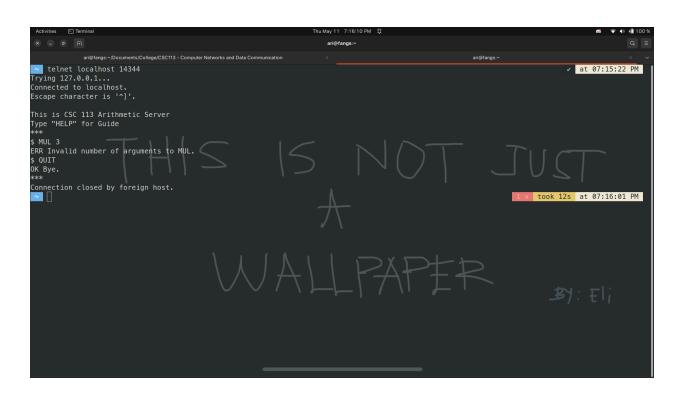
Example 1: Addition / Subtraction / Multiplication / Division / Random Number



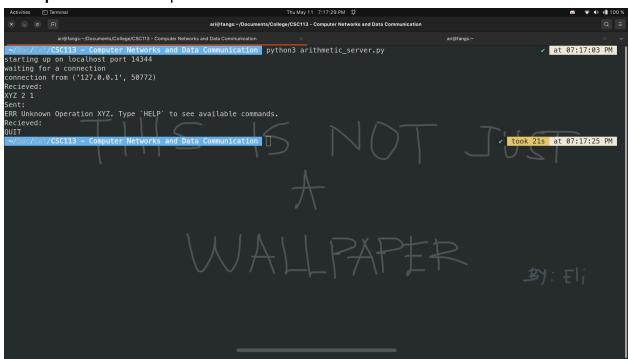


Example 2: Invalid number of arguments passed





Example 3: Unknown operation





Example 4: Asking for documentation of protocol commands multiple times

