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Assignment 2

1. The two sides validate each other by establishing a connection that works only on a specific port, IP address. Furthermore, there's also the prompt for username (USER) and password (PASS). They can trust they are in contact with the right person, because the connection is made through the known and agreed upon port; additionally, there is the credential verification.

2. After a command is sent, the server sends back a response to the client, either acknowledging the received command or else. And if it encounters an incorrect or improper message/command, it responds accordingly.