CONCURRENT FILE SERVER (USING TCP)

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Compiling the Program

To compile the program:

javac Server.java

javac Client.java

Running the Program

In a terminal, run the Server program. While the Server is running, run the Client programs in other terminals. The server listens on port 5000 and the clients try to connect to 127.0.0.1:5000 by default. This value is hardcoded.

In the first terminal:

java Server

In the other terminals, run:

java Client

The client requests have to be typed by the user into the terminal when prompted (i.e., when seeing '>>').

You can authenticate yourself with the server using a valid token. Two tokens have been hardcoded in the server:

- userpass
- adminpass

Supported Commands

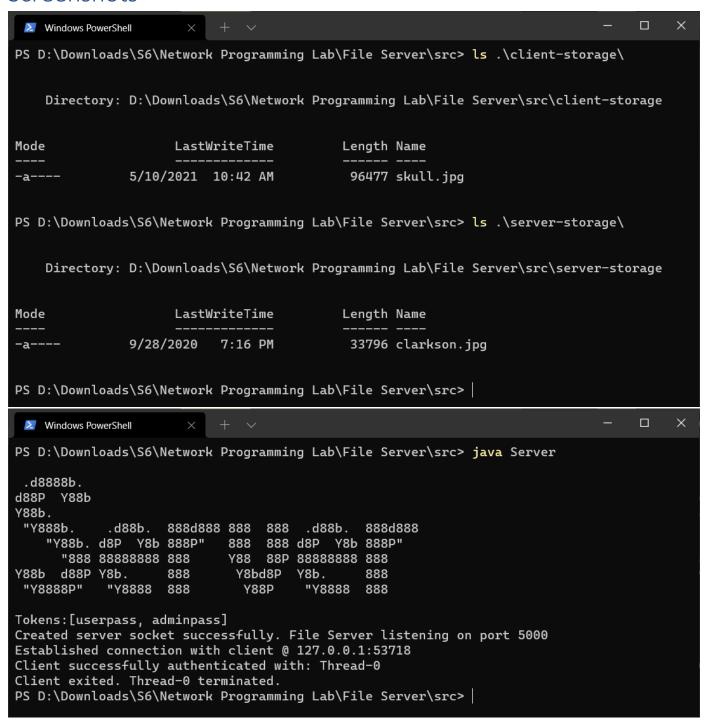
→ auth : Authenticate to the file server.

 \rightarrow **get** : Request a file from the server.

 \rightarrow **put** : Send a file to the server.

 \rightarrow **exit**: Logout and exit the program.

Screenshots



PS D:\Downloads\S6\Network Programming Lab\File Server\src>