**Implementation**

The implementation is as follows: First we connect sockets through a shared port. Once a connection is established, we display a success message and then begin the while loop containing the rest of the code. We display the menu containing six items: the question regarding what the user wants to do, and then five operations. The user can choose which operation it wants to do by entering a single digit code from 0-4. Once it chooses an operation, the operation may or may not ask following questions regarding which files to manipulate. Codes 1-4 regard file management operations while code 0 is the exit code which leaves the loop. The program will loop indefinitely until code 0 is executed, until then it will keep prompting the user what file management operation they will want to execute. Once the user is done and exits, the client and server will close.