Finite State Machine

Overview:

Poem of the Day uses a protocol that I made by first introducing themselves (the server) to the client. This introduction is followed by a message that shows the list of poems that can be selected by the client via index number. The server waits for user input after which the corresponding poem is found with respect to the index number. The poem is sent and printed on the client side before closing the connection. If an invalid entry is entered by the user, the server tells the client such and closes the connection as well. Subsequent poems need to have the server and client re-establish a connection.

Instructions:

First, the server is started by running the PoemOfDay program with the path to the .txt file as an argument

(i.e. java PoemOfDay "C:\Users\Luke\Desktop\COMP348\TME3\Part1\poem.txt")

Then, on another command prompt, the user can take the client side by connecting with telnet on port 8080

(i.e. telnet localhost 8080)