Project 1

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There are two folders in this project. Server and Client.

Server has Req\_Handler.java which handles the request. Web\_Server.java which has the server code. S\_Initializer.java which is used to initialize the server.

In the command prompt go to path where server files are located

First do javac \*.java to compile all the files in this folder.

Then do java S\_Initializer which will initiate the server.

Open another command and go to file path where client files are located.

Then again do javac \*.java to compile all the client files.

After this give java Web\_Client 127.0.0.1 8080 index.html – this will run error.html file as it does not exist in the server.

But if you run java Web\_Client 127.0.0.1 8080 introduction.html it will load the introduction file from the server and display all its contents along with Ping RTT.

References:

Book: Computer Networking. A Top Down Approach. Fifth Edition by James F. Kurose, Keith W. Ross. Chapter 2.

<https://www.youtube.com/watch?v=vCDrGJWqR8w>

<https://github.com/jyotisalitra/web-client-server>

Thread Tutorial from <http://docs.oracle.com/javase/tutorial/essential/concurrency/runthread.html>

http://www.oracle.com/technetwork/java/socket-140484.html

Screenshots