ID: 1001992361

Source: https://github.com/facevoid/ds_project_1

How to run this project:

To Run this project follow the guidelines in readme. Run server in a terminal and run client in another terminal and follow the directions appeared in the client's terminal.

Assignment 1 (Single Thread):

• Implemented single threaded server and client for performing the required operations

Assingment2 (Multi Thread):

• Make the single threaded server multithreaded to handle multiple clients concurrently

Assingment3 (Async):

- Implemented rpc client and rpc server.
- Client will have a thread running for recieving push message from server with the async results
- Server will have a thread running for sending result to it's clients when it's ready (sleep implemented for making computation time longer)

Assingment4(Deferred Async):

 Server will have list of results for clients. And will return the results as per client's query

What I've learned:

- Multithreaded programming
- Server socket in python
- Rpc calls

Samples from