# Report

## Statement of Completeness

A statement of completeness indicating the tasks you attempted, any deviations from the assignment specification, and problems and deficiencies in your solution.

We attempted Task 1 with no deviation from the assignment specification. Our solution does not display or update the Leaderboard properly.

## Team Information

Name: Younghyun Song Student Name: n9366610

Name: Caleb Geizer Student Name: n9488243

## Contribution

All members contributed equally.

## Descriptions

### Leader Board

We attempted to implement a structure that has a character pointer for the name and two integers, one for the amount of times they’ve won and another that show the number of times they’ve played.

Another instance of this structure is created every time somebody logs in until there are 10 people logged. It is also updated every time somebody plays a game and a win/loss state is sent to the server. This is then recorded and saved in the instance of the data structure.

## Compile & Run

Compile Code:

gcc -o Server1 Server1.c –lpthread

gcc –o Client1 Client1.c

Run Code:

Server Terminal:

./Server [portNumber]

Client Terminal:

./Client hostname [portNumber]