ONLINE AUCTION

Student Name: Kishore Kumar Dash

Student Id: 1505028

Section: A

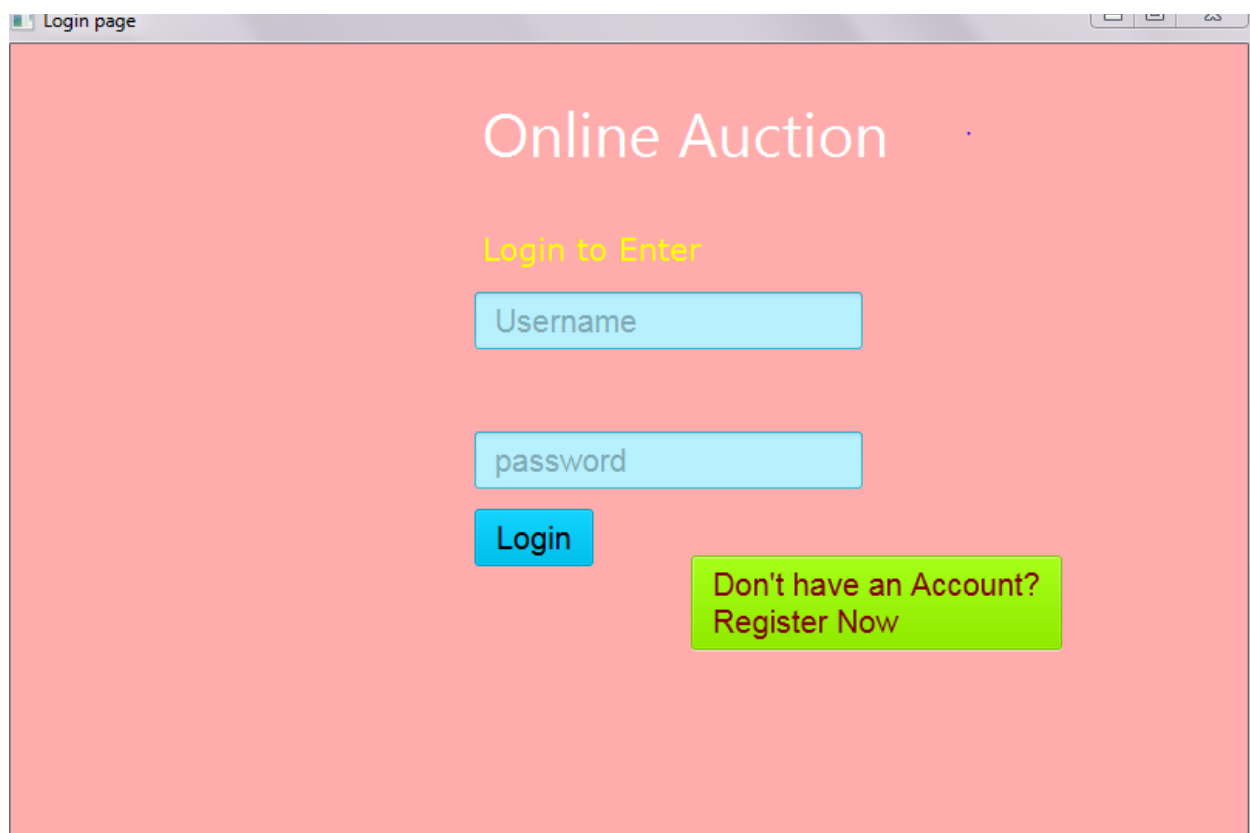Advisor: Md. Shariful Islam Bhuiyan

My project is Online Auction. The concept of the project is that there is a server who will upload the items for Auction and the clients who want to take part in the auction will first connect to the server and do the followings:

To run the server the Server.java file should be run. There is no command argument for this file. To run the client the FirstGraphics.java file should be run. More than one client can not be run because the client port is hardcoded.

This file also has no command argument.

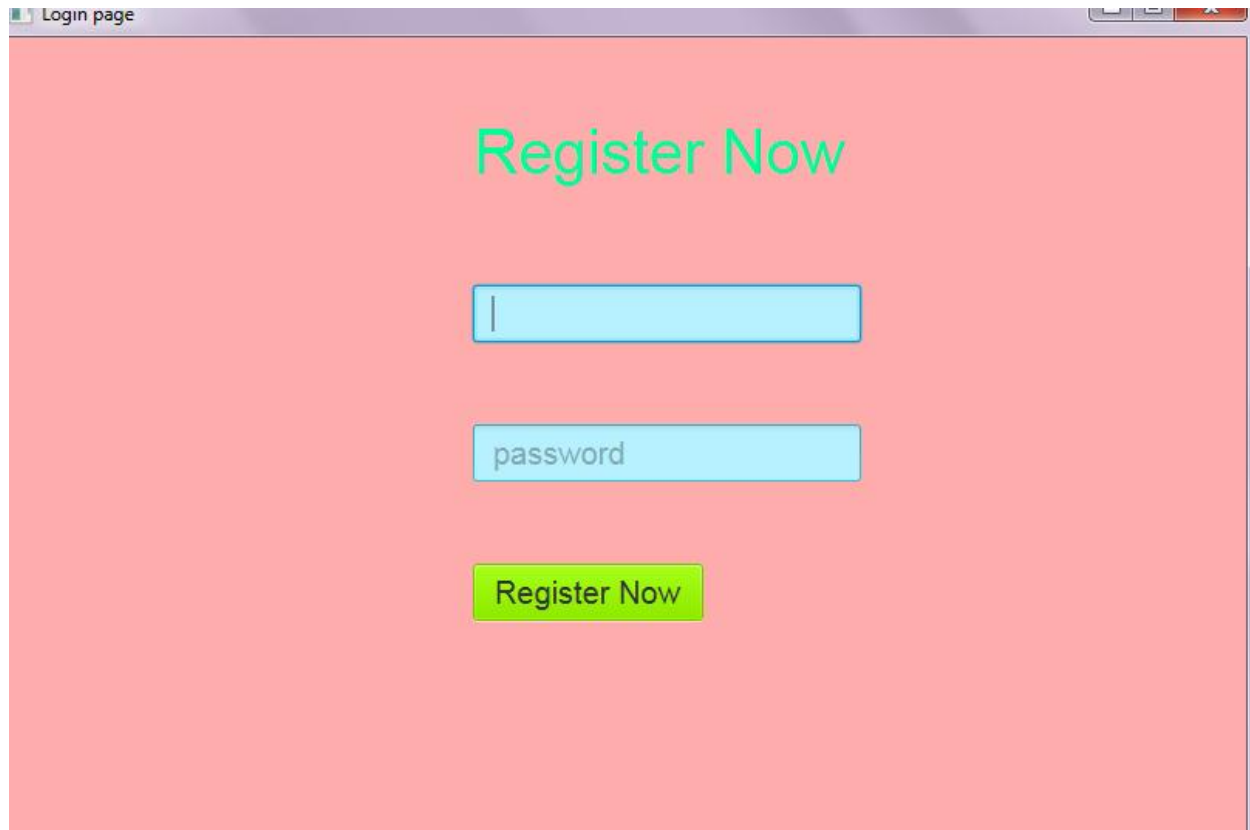Firstly the server runs, prints the items (just for checking) and waits for clients.

On the other hand, when the main class of the client (Firstgraphics) executes there appears a window like this:

If the client has a account he sends the username and password to the server and if these are valid the server will give him permission to approach. Otherwise the server will give the client a warning:

If the client has no account to login, there is an option for him to register. Clicking the register button there appears a window like this:
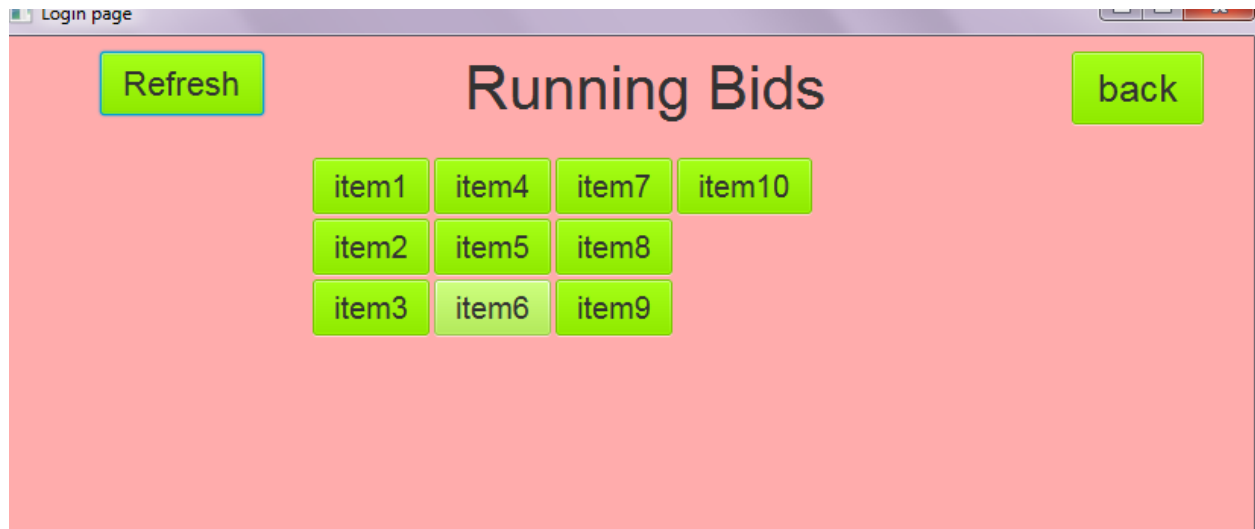

Here the client can register sending the client a username and password. But the username must be unique. Otherwise the server will show the following warning:

After login or

registration there appears a window containing two options:

Choosing the view running bids options the client can see the bids running at the moment. There is a refresh button so that the client can avoid just finished bids (simply refreshes the page).

Refresh   Running Bids   back

item1 item4 item7 item10
item2 item5 item8
item3 item6 item9

After choosing the option Bids you won the client can see the bids he won. After clicking Go to homepage he can go back to the previous page.

After choosing an item from the running bids list there appears a window like this:

1. Initial Price = the minimum price the item needs to be sold.
2. Current Maximum Price = the current maximum price called for the item.
3. Current Bid Winner = the username of the client who called the maximum price.
4. End time = the last time to take participate for the call of that item.
5. Time remaining = the time left for the call.

Using the set your own bid text field and set button the client can set a price.

But the set price must be greater than the current max price otherwise the attempt will produce nothing.

There is a feature of auto update in the page. That means if the max price of the item is changed the current max price and current bid winner field will be updated automatically in every client's page.

When the remaining time ends, the set price option becomes invisible so that no client can set the price after the end time. And a message "Time Over" is shown in that page.

Thus a user can win bids and buy the items.