

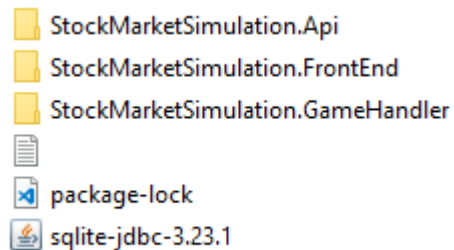
## How To Run The Project (Stock Market Simulation Game)

1. Type this in the gitbash command line client

Git clone <https://github.com/lakshansud/StockMarketSimulation.git>

```
Hasnat@DESKTOP-IJ6RKC1 MINGW32 /f/test  
$ Git clone https://github.com/lakshansud/StockMarketSimulation.git
```

There will be 3 folders :

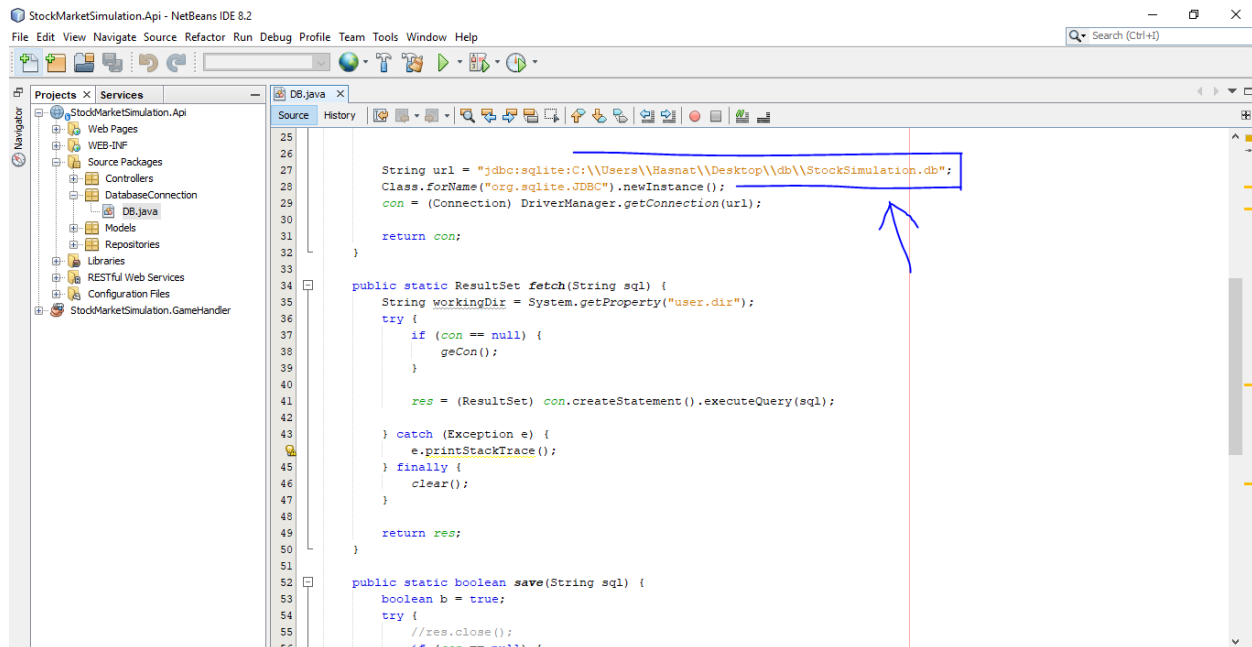


2. Open StockMarketSimulation.Api project in netbeans
3. Open up the DB.java class file ,and change the Database connection path to :

Example –

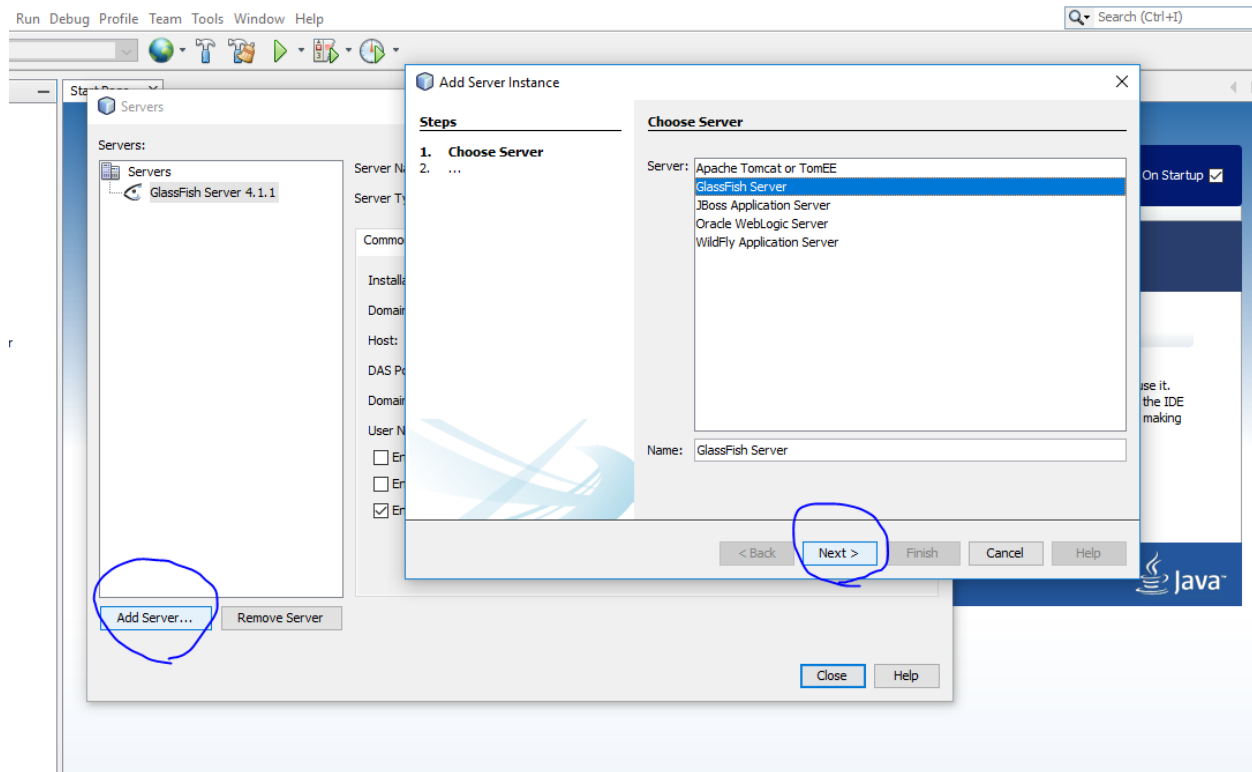
```
"jdbc:sqlite:C:\\Users\\Hasnat\\Desktop\\  
StockMarketSimulation\\StockMarketSimulation.GameHandler  
\\db\\StockSimulation.db"
```

[StockSimulation.db](#) file is located inside the project folder's StockMarketSimulation.GameHandler folder.



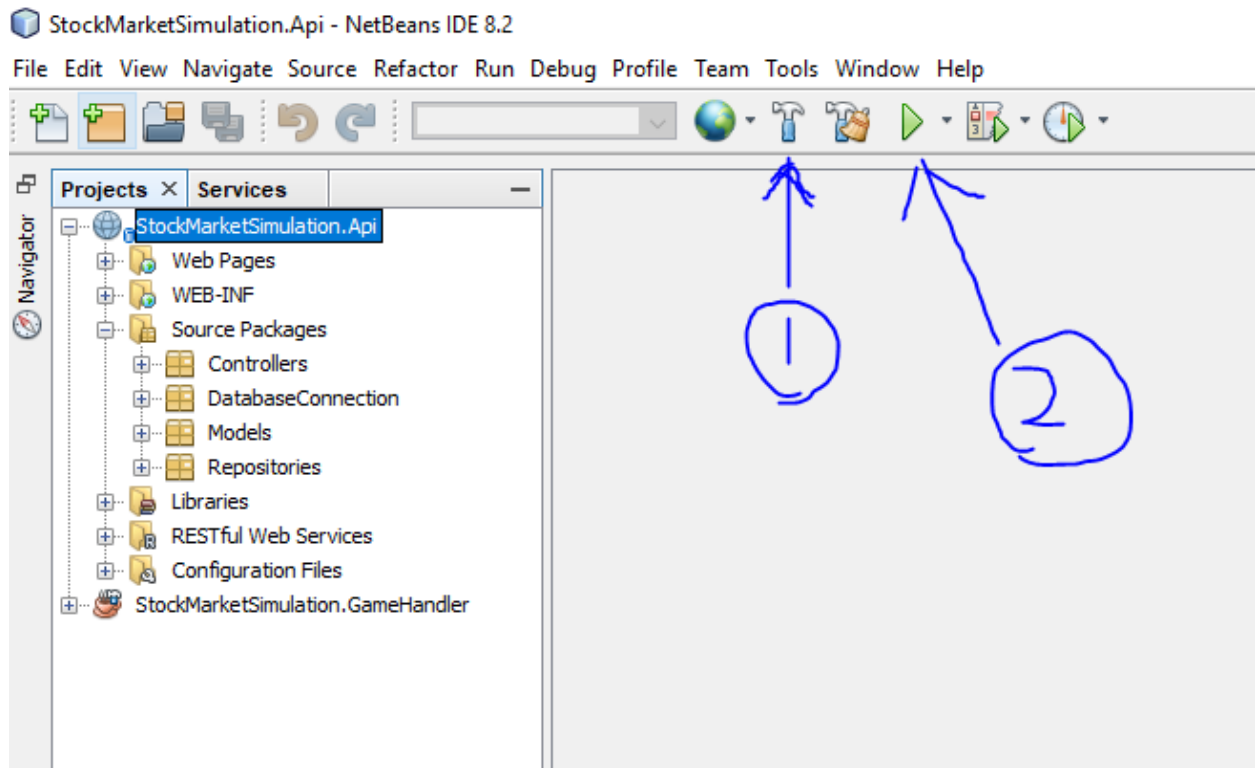
- Set up Glassfish 5.0 server in netbeans

Go to netbeans → tools → Servers →



Browse and Add glassfish 5 from the project folder, click FINISH.

4. Build , then run the project, StockMarketSimulation.Api



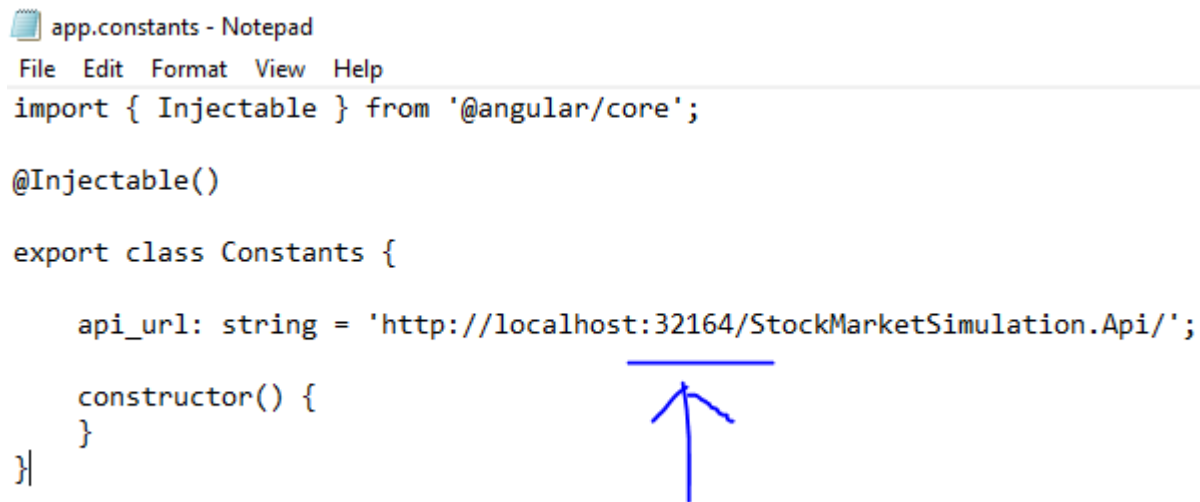
F:\test\StockMarketSimulation\StockMarketSimulation.GameHandler

5. Netbeans will open the default web browser , and the URL will be like ,  
<http://localhost:8080/StockMarketSimulation.Api/>

in here , the port number is 8080.

Now , open the file, StockMarketSimulation.FrontEnd→src→app→app.constants

With a text editor.



```
app.constants - Notepad
File Edit Format View Help
import { Injectable } from '@angular/core';

@Injectable()

export class Constants {

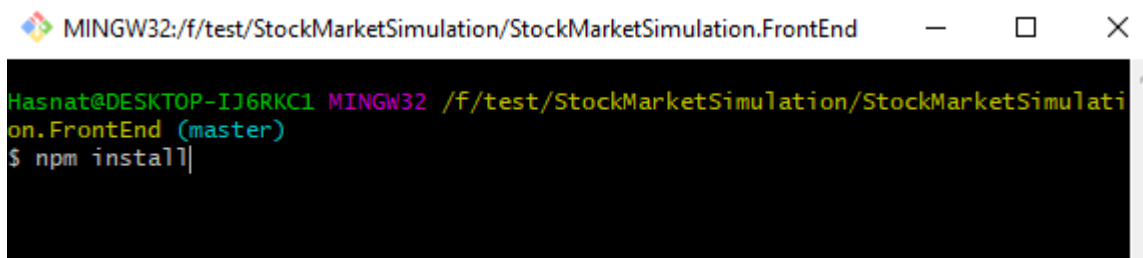
    api_url: string = 'http://localhost:32164/StockMarketSimulation.Api/';
    constructor() {
    }
}
```

Replace this , with the browser generated port number. Ex: replace 32164 with 8080.

6. Open folder , StockMarketSimulation.FrontEnd

Inside the folder , open git bash/ MINGW32 command line client ,

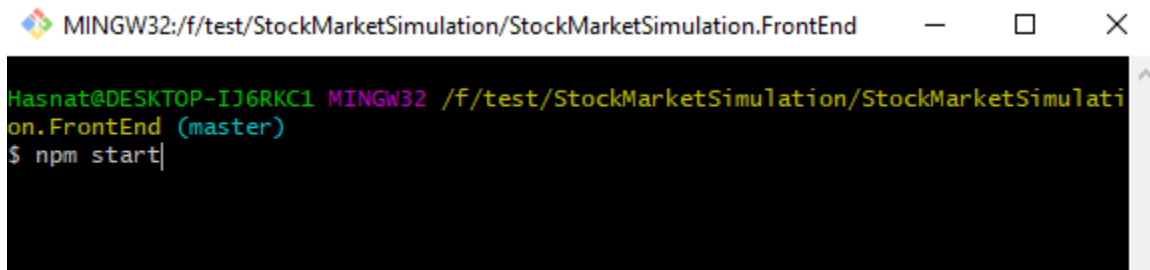
Type - npm install



```
MINGW32:/f/test/StockMarketSimulation/StockMarketSimulation.FrontEnd
Hasnat@DESKTOP-IJ6RKC1 MINGW32 /f/test/StockMarketSimulation/StockMarketSimulation.FrontEnd (master)
$ npm install
```

This will take some time...

7. Then type - npm start



```
MINGW32:/f/test/StockMarketSimulation/StockMarketSimulation.FrontEnd
Hasnat@DESKTOP-IJ6RKC1 MINGW32 /f/test/StockMarketSimulation/StockMarketSimulation.FrontEnd (master)
$ npm start
```

This also will take some time...

8. Command line will now show – some url ..

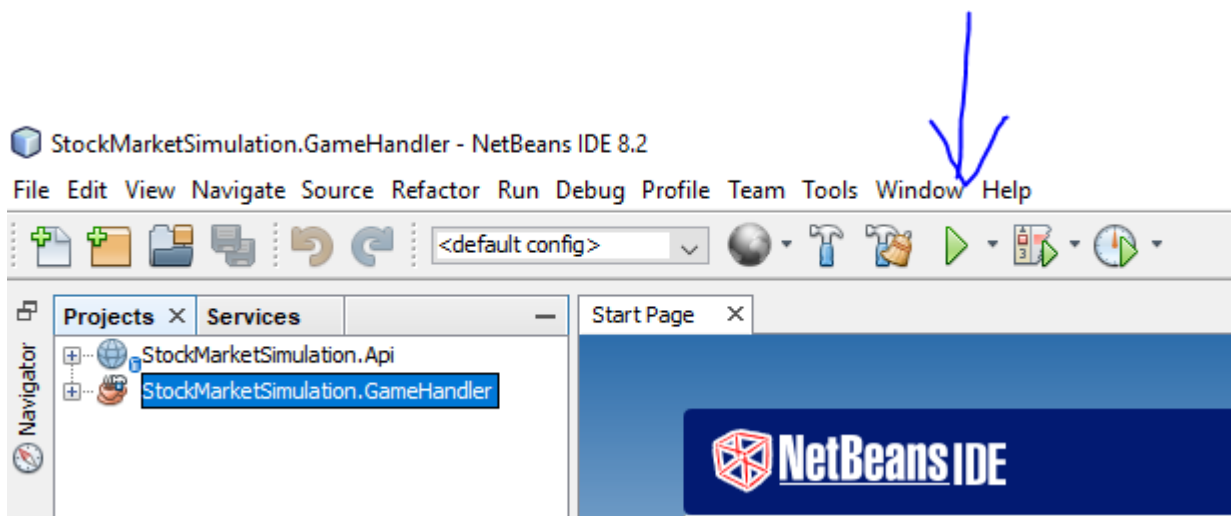
<http://localhost:4200/>

copy paste that URL in the web browser , and append /login to that URL.

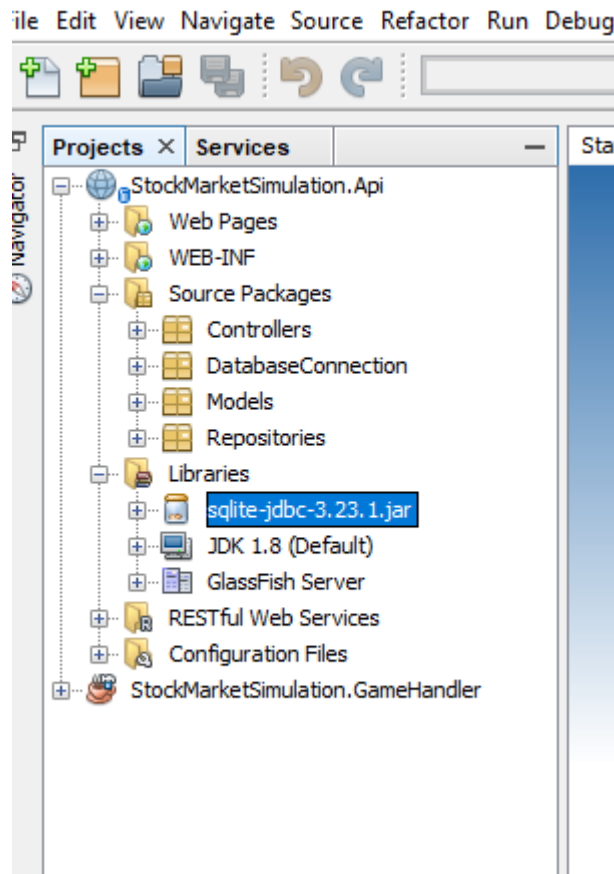
Ex:

<http://localhost:4200/login>

9. Before registering / creating an account , run the StockMarketSimulation.GameHandler project folder in netbeans → It runs the value change algorithm.



10.If there is an error message saying “missing sqlite-jdbc-3.23.1.jar”, then



Right click on libraries → add jar/folder , browse the “StockMarketSimulation” project folder , there is the file “sqlite-jdbc-3.23.1.jar” , click to add it to the libraries.