Hello Leon and Ali. This is my case study. The purpose of this application is to calculate the variance of the stock from the selected start date to the selected end date.

Instruction to run the app.

1. Make sure the project in IntelliJ is running. It is running on port 8080.
2. Make sure Agular app is served. It runs on port 4200.
3. As off this moment, I only have a free API so you must enter aapl.us for the ticker symbol.
4. Enter the start date and end date and press on calculate.
5. The front end will send those information to the back end and the back end will use those information to get the stock information from <https://eodhistoricaldata.com/knowledgebase/api-for-historical-data-and-volumes/>
6. The back end will use Unbiased Standard Deviation Formula to calculate the variance of the adjusted\_close from start to end and spit back a value.