Task 1: price change calculation for each date

* Facing error showing “Getting “Lock wait timeout exceeded; try restarting transaction” even though” (Caused by com.mysql.jdbc:exceptions.jdbc4.MySQLTransactionRollbackException)
* Check your database transaction isolation level in MySQL client. Like MySQL workbench, phpMyAdmin

SELECT @@GLOBAL.tx\_isolation, @@tx\_isolation, @@session.tx\_isolation;

If

@@GLOBAL.tx\_isolation = REPEATABLE - READ

, @@tx\_isolation = REPEATABLE - READ

@@session.tx\_isolation = REPEATABLE – READ

Then write this in sql

SET tx\_isolation =’READ-COMMITTED’;

SET GLOBAL tx\_isolation = ‘READ-COMMITTED’;

* Go to my.inni file and where we will see innodb\_lock\_wait\_timeout = 50, set it 500 and then restart the phpMyAdmin or sql client

Task 2: weight in portfolio for each date

Task 3: price change calcu7late in price table. Current price/prev\_price

Task 4: Apache tomcat server environment create in windows and deploying the project api

* Download the current version of Apace-tomcat exe and install accordingly by creating user with password
* Login tomcat manager by the user name and password
* In your project export the war file and save it in a directory.
* Now in tomcat manager provide the context path nad war file directory to the deployed option and press deploy
* Now you can access the api from your local pc.
* To provide the api to other IP’s in the network you have to create a inbound rules from windows firewall
* Go to the windows firewall and select advance security/advance setting option. It will show you the Inbound rule options where right click and select a new rule. Then select port. Now in which port your tomcat is configured you have to put it and click next until the end. Windows firewall will then give permission to other pc’s in the same network access the api.
* Got to tomcat directory🡪 click conf🡪 server.xml🡪 at the end of the file <Valve……. /> inside it add resolveHosts="true"
* Add the following thing in the connector tag <Connector …….. useIPVHosts="true"/>
* Hopefully we can access the api from other pc’s by replacing the localhost with the ip in which the tomcat was configured