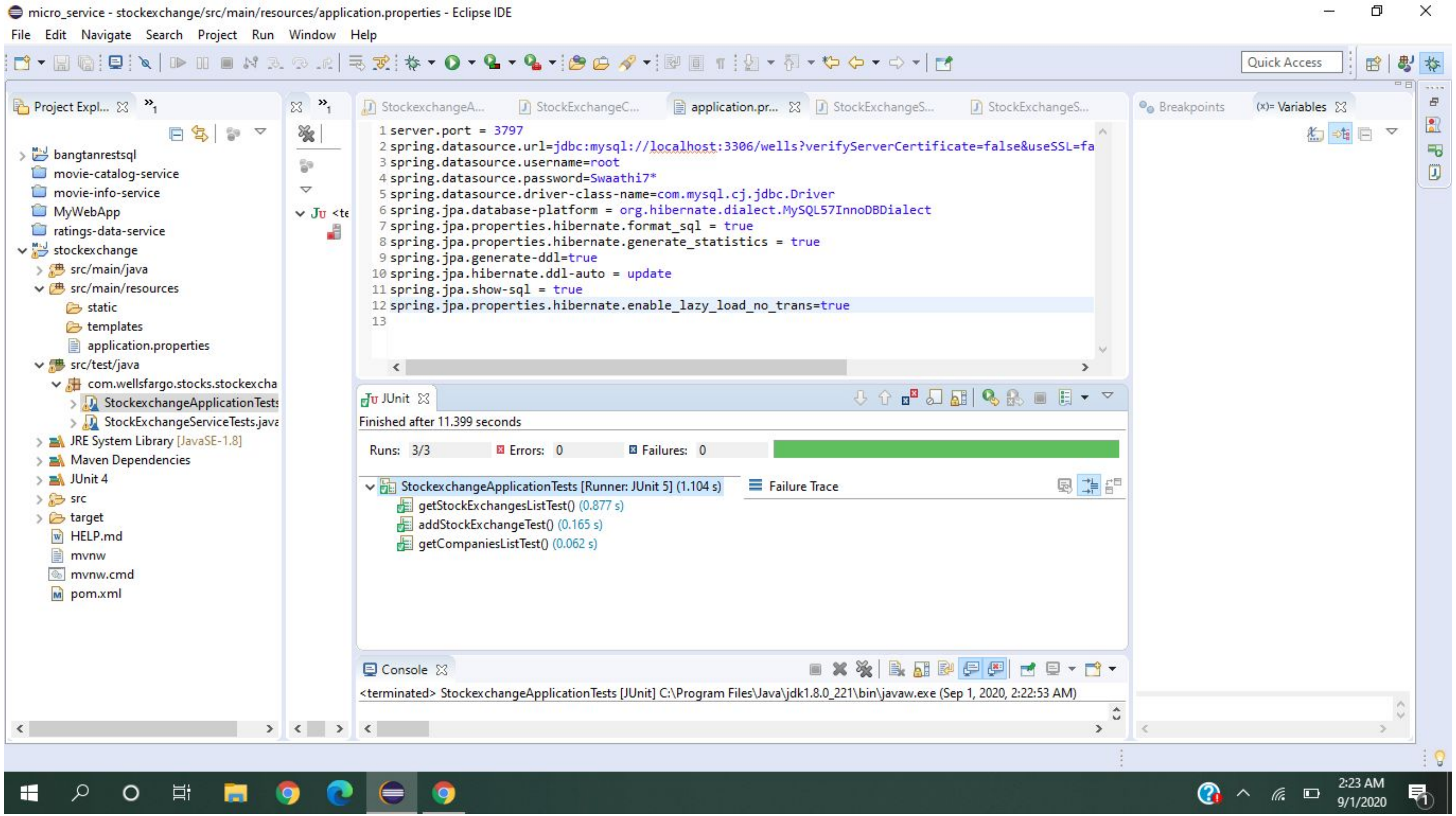
Stock Exchange Controller Unit Test

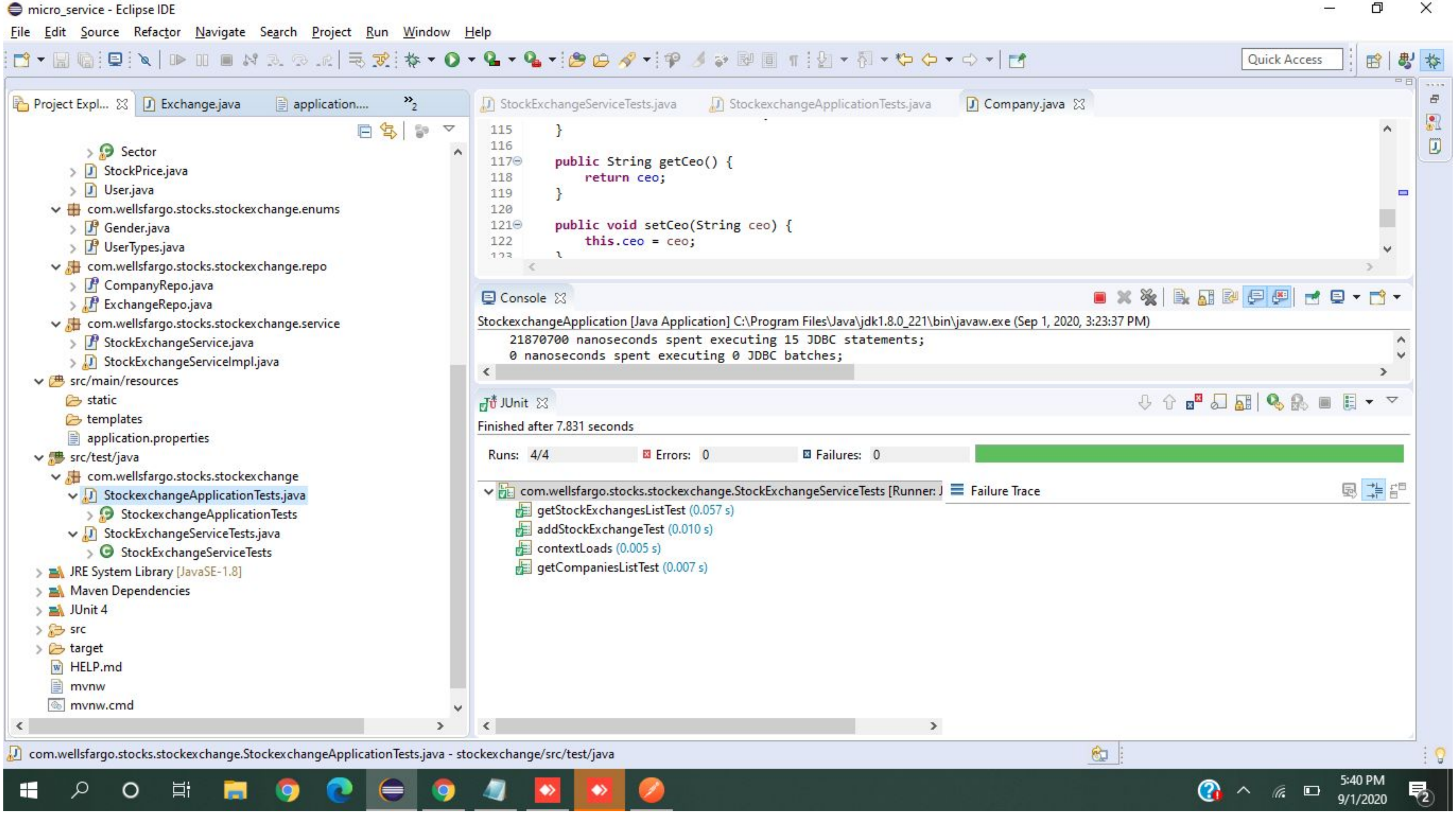


```
server.port = 3797
spring.datasource.url=jdbc:mysql://localhost:3306/wells?verifyServerCertificate=false&useSSL=fa
spring.datasource.username=root
spring.datasource.password=Swaathi7*
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.database-platform = org.hibernate.dialect.MySQL57InnoDBDialect
spring.jpa.properties.hibernate.format_sql = true
spring.jpa.properties.hibernate.generate_statistics = true
spring.jpa.generate-ddl=true
spring.jpa.hibernate.ddl-auto = update
spring.jpa.show-sql = true
spring.jpa.properties.hibernate.enable_lazy_load_no_trans=true
```

```
Finished after 11.399 seconds

Runs: 3/3    Errors: 0    Failures: 0

StockexchangeApplicationTests [Runner: JUnit 5] (1.104 s)
    getStockExchangesListTest() (0.877 s)
    addStockExchangeTest() (0.165 s)
    getCompaniesListTest() (0.062 s)
```

```
<terminated> StockexchangeApplicationTests [JUnit] C:\Program Files\Java\jdk1.8.0_221\bin\javaw.exe (Sep 1, 2020, 2:22:53 AM)
```

Stock Exchange Service Unit test


micro_service - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access
Project Expl...
Exchange.java
application....
StockExchangeServiceTests.java
StockexchangeApplicationTests.java
Company.java
Sector
StockPrice.java
User.java
com.wellsfargo.stocks.stockexchange.enums
Gender.java
UserTypes.java
com.wellsfargo.stocks.stockexchange.repo
CompanyRepo.java
ExchangeRepo.java
com.wellsfargo.stocks.stockexchange.service
StockExchangeService.java
StockExchangeServiceImpl.java
src/main/resources
static
templates
application.properties
src/test/java
com.wellsfargo.stocks.stockexchange
StockexchangeApplicationTests.java
StockexchangeApplicationTests
StockExchangeServiceTests.java
StockExchangeServiceTests
JRE System Library [JavaSE-1.8]
Maven Dependencies
JUnit 4
src
target
HELP.md
mvnw
mvnw.cmd
Console
JUnit
Failure Trace
5:40 PM
9/1/2020

```
    }

    public String getCeo() {
        return ceo;
    }

    public void setCeo(String ceo) {
        this.ceo = ceo;
    }
```

StockexchangeApplication [Java Application] C:\Program Files\Java\jdk1.8.0_221\bin\javaw.exe (Sep 1, 2020, 3:23:37 PM)

```
    21870700 nanoseconds spent executing 15 JDBC statements;
    0 nanoseconds spent executing 0 JDBC batches;
```

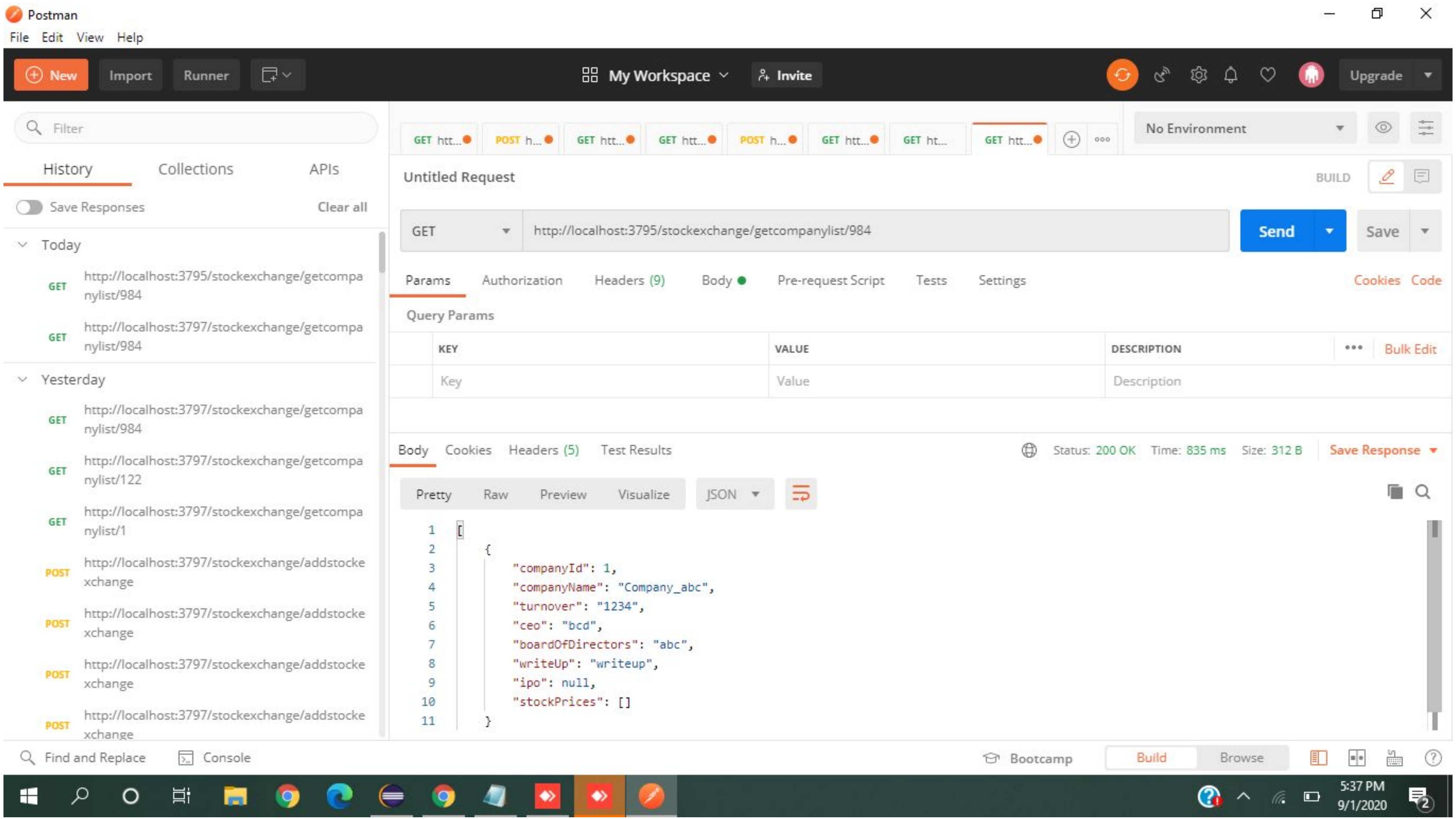
Finished after 7.831 seconds

Runs: 4/4 Errors: 0 Failures: 0

```
com.wellsfargo.stocks.stockexchange.StockExchangeServiceTests [Runner: J
    getStockExchangesListTest (0.057 s)
    addStockExchangeTest (0.010 s)
    contextLoads (0.005 s)
    getCompaniesListTest (0.007 s)
```

com.wellsfargo.stocks.stockexchange.StockexchangeApplicationTests.java - stockexchange/src/test/java

Get Company List Service Result



Today

- GET http://localhost:3795/stockexchange/getcompanylist/984
- GET http://localhost:3797/stockexchange/getcompanylist/984

Yesterday

- GET http://localhost:3797/stockexchange/getcompanylist/984
- GET http://localhost:3797/stockexchange/getcompanylist/122
- GET http://localhost:3797/stockexchange/getcompanylist/1
- POST http://localhost:3797/stockexchange/addstockexchange
- POST http://localhost:3797/stockexchange/addstockexchange
- POST http://localhost:3797/stockexchange/addstockexchange
- POST http://localhost:3797/stockexchange/addstockexchange

Untitled Request

GET http://localhost:3795/stockexchange/getcompanylist/984

Query Params

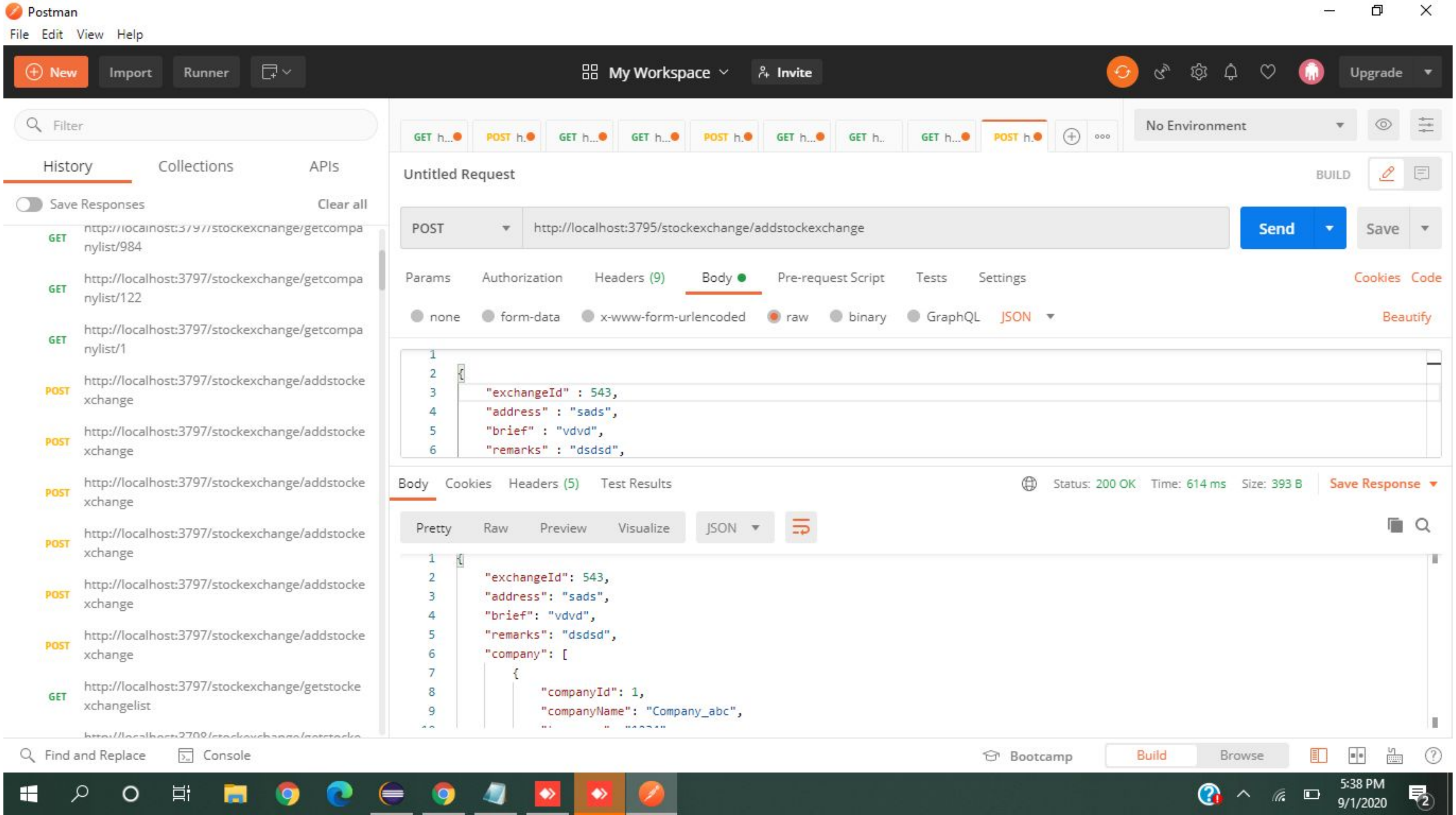
KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

Status: 200 OK Time: 835 ms Size: 312 B

```
[
    {
        "companyId": 1,
        "companyName": "Company_abc",
        "turnover": "1234",
        "ceo": "bcd",
        "boardOfDirectors": "abc",
        "writeUp": "writeup",
        "ipo": null,
        "stockPrices": []
    }
```

Add Stock Exchange Result



GET	http://localhost:3797/stockexchange/getcompanylist/984
GET	http://localhost:3797/stockexchange/getcompanylist/122
GET	http://localhost:3797/stockexchange/getcompanylist/1
POST	http://localhost:3797/stockexchange/addstockexchange
POST	http://localhost:3797/stockexchange/addstockexchange
POST	http://localhost:3797/stockexchange/addstockexchange
POST	http://localhost:3797/stockexchange/addstockexchange
POST	http://localhost:3797/stockexchange/addstockexchange
POST	http://localhost:3797/stockexchange/addstockexchange
GET	http://localhost:3797/stockexchange/getstockexchangelist

POST http://localhost:3795/stockexchange/addstockexchange

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

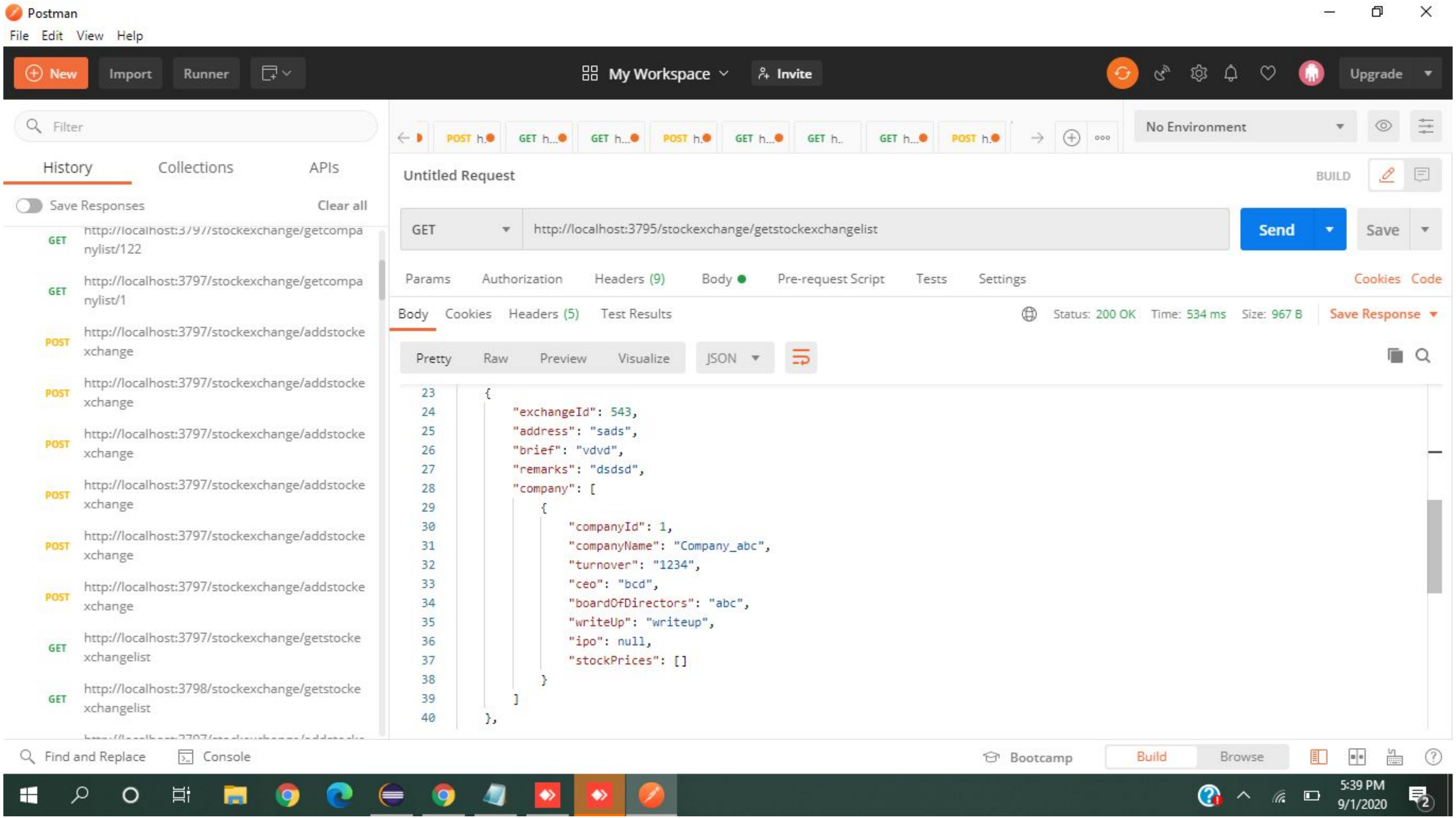
```

{
    "exchangeId" : 543,
    "address" : "sads",
    "brief" : "vdvd",
    "remarks" : "dsdsd",
```

Status: 200 OK Time: 614 ms Size: 393 B

JSON

```
{
    "exchangeId": 543,
    "address": "sads",
    "brief": "vdvd",
    "remarks": "dsdsd",
    "company": [
        {
            "companyId": 1,
            "companyName": "Company_abc",
```

Get Stock Exchange Result



GET http://localhost:3797/stockexchange/getcompanylist/122

GET http://localhost:3797/stockexchange/getcompanylist/1

POST http://localhost:3797/stockexchange/addstockexchange

POST http://localhost:3797/stockexchange/addstockexchange

POST http://localhost:3797/stockexchange/addstockexchange

POST http://localhost:3797/stockexchange/addstockexchange

POST http://localhost:3797/stockexchange/addstockexchange

POST http://localhost:3797/stockexchange/addstockexchange

GET http://localhost:3797/stockexchange/getstockexchangelist

GET http://localhost:3798/stockexchange/getstockexchangelist

Untitled Request

GET http://localhost:3795/stockexchange/getstockexchangelist

Status: 200 OK Time: 534 ms Size: 967 B

```
    {
        "exchangeId": 543,
        "address": "sads",
        "brief": "vdvd",
        "remarks": "dsdsd",
        "company": [
            {
                "companyId": 1,
                "companyName": "Company_abc",
                "turnover": "1234",
                "ceo": "bcd",
                "boardOfDirectors": "abc",
                "writeUp": "writeup",
                "ipo": null,
                "stockPrices": []
            }
        ]
    },
```