Screenshot for successful start of services/ execution of services.

3. Evidence screenshot for request to end points from Postman.

4. Build of services should be possible with maven. Provide successful build

screenshot for same.

5. Evidence for caching implementation by showing api fetch before cache and after

cache changes in response time & code/config screenshot.

6. Screenshot for logs generated.

7. Test hystrix by keeping Inventory Api down.

8. Check with logger able to use trace id for request from order api to inventory api.

9. Verify the end point via POSTMAN.

~~10. Code coverage of unit and integration tests is above 80%~~

Table of Contents

[Cache 1](#_Toc60778811)

[Without Cache 1](#_Toc60778812)

[With Cache 2](#_Toc60778813)

[Logging 3](#_Toc60778814)

[Hystrix 4](#_Toc60778815)

[Product Service Not Available and Error is displayed 4](#_Toc60778816)

[Product Service Available and order is posted successfully. 5](#_Toc60778817)

[Trace ID 5](#_Toc60778818)

[Trace ID from Order Management Log- ef8571ca7cae3af1 5](#_Toc60778819)

[Trace ID from Product Management Log- ef8571ca7cae3af1 6](#_Toc60778820)

[Code Coverage 6](#_Toc60778821)

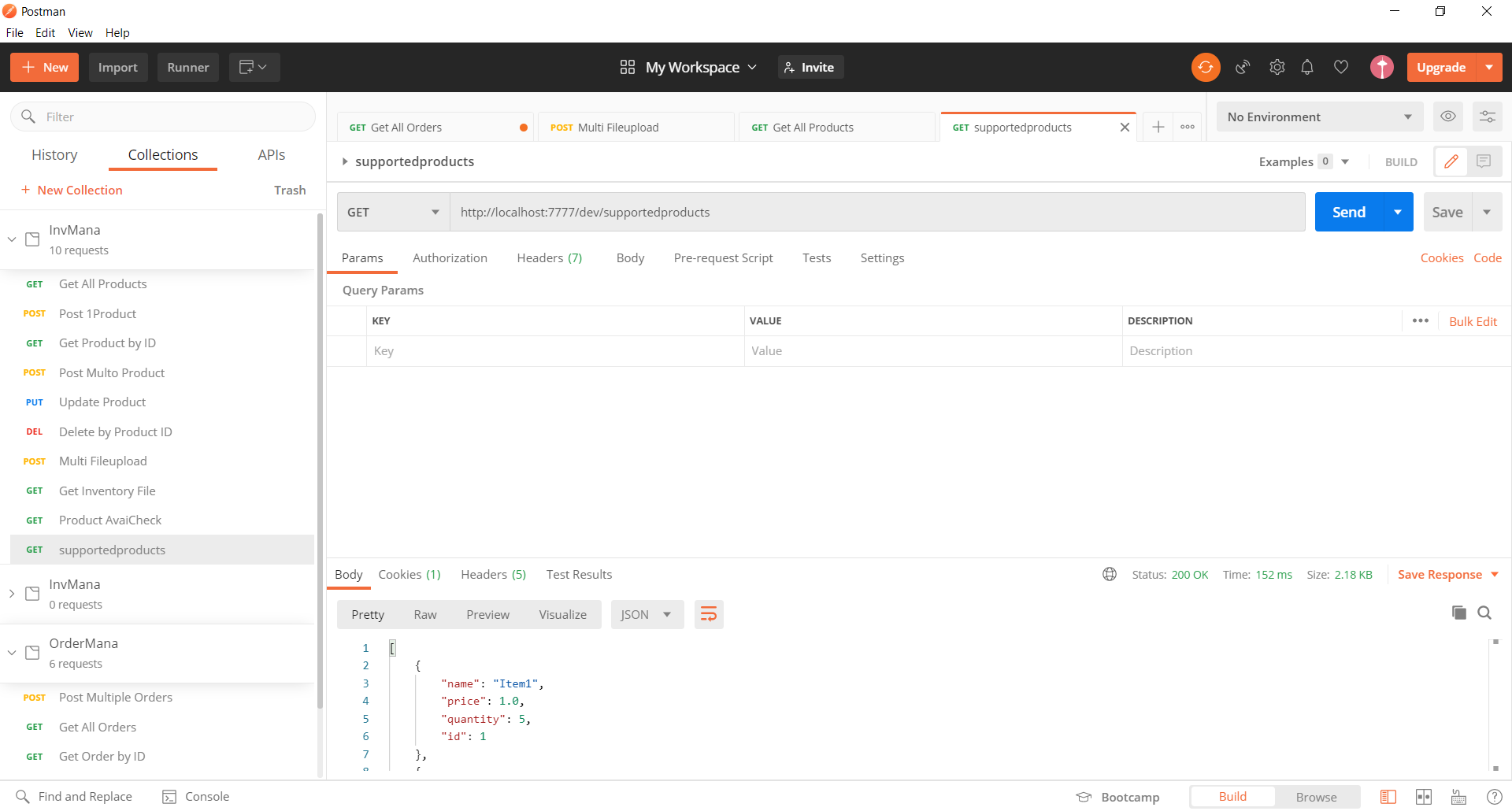
[Order Management 6](#_Toc60778822)

[Inventory Management 6](#_Toc60778823)

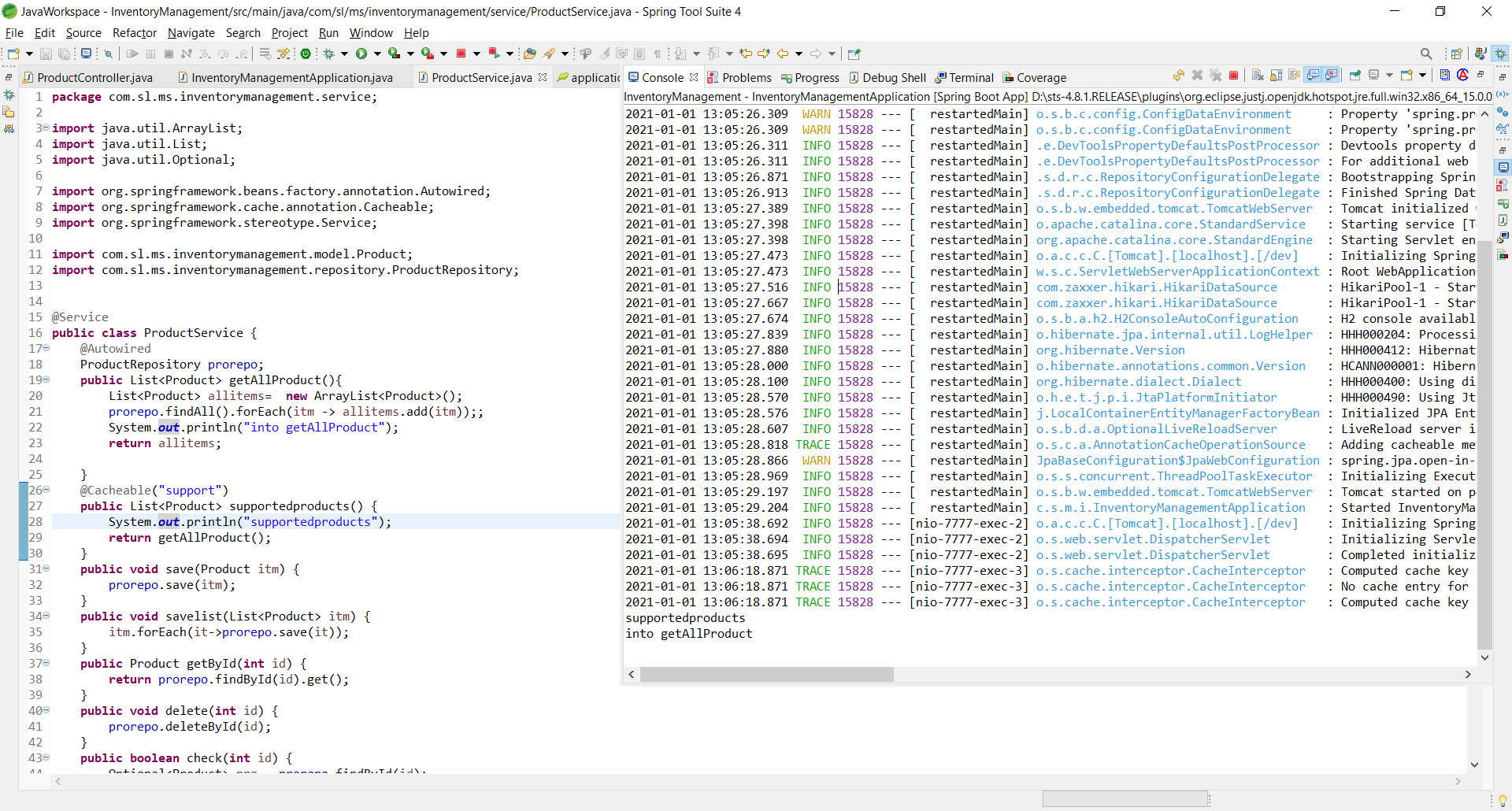
# Cache

## Without Cache

First time accessing the URL. Time taken is 152ms

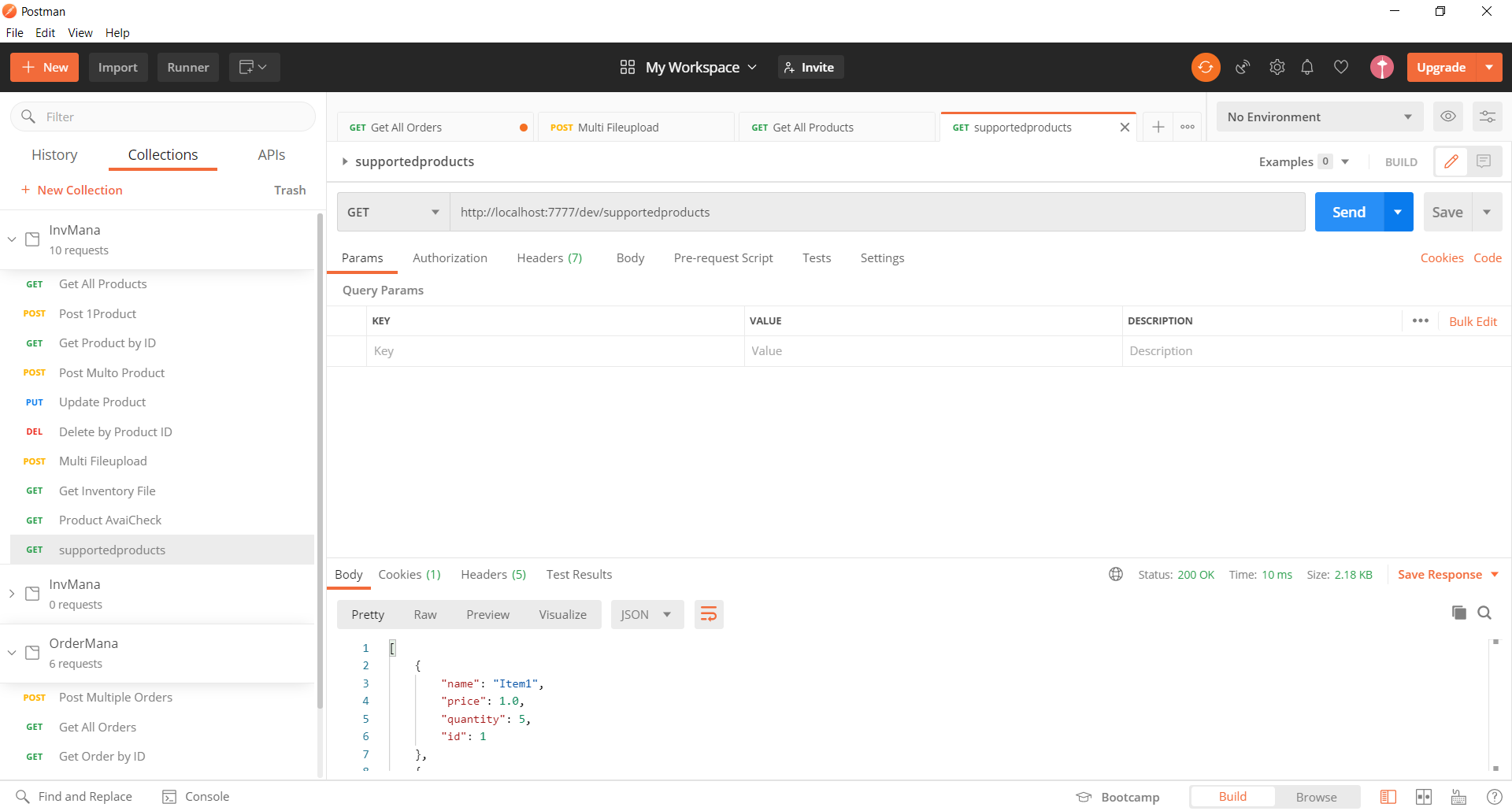


Alert messages in the function. It executed all the code.

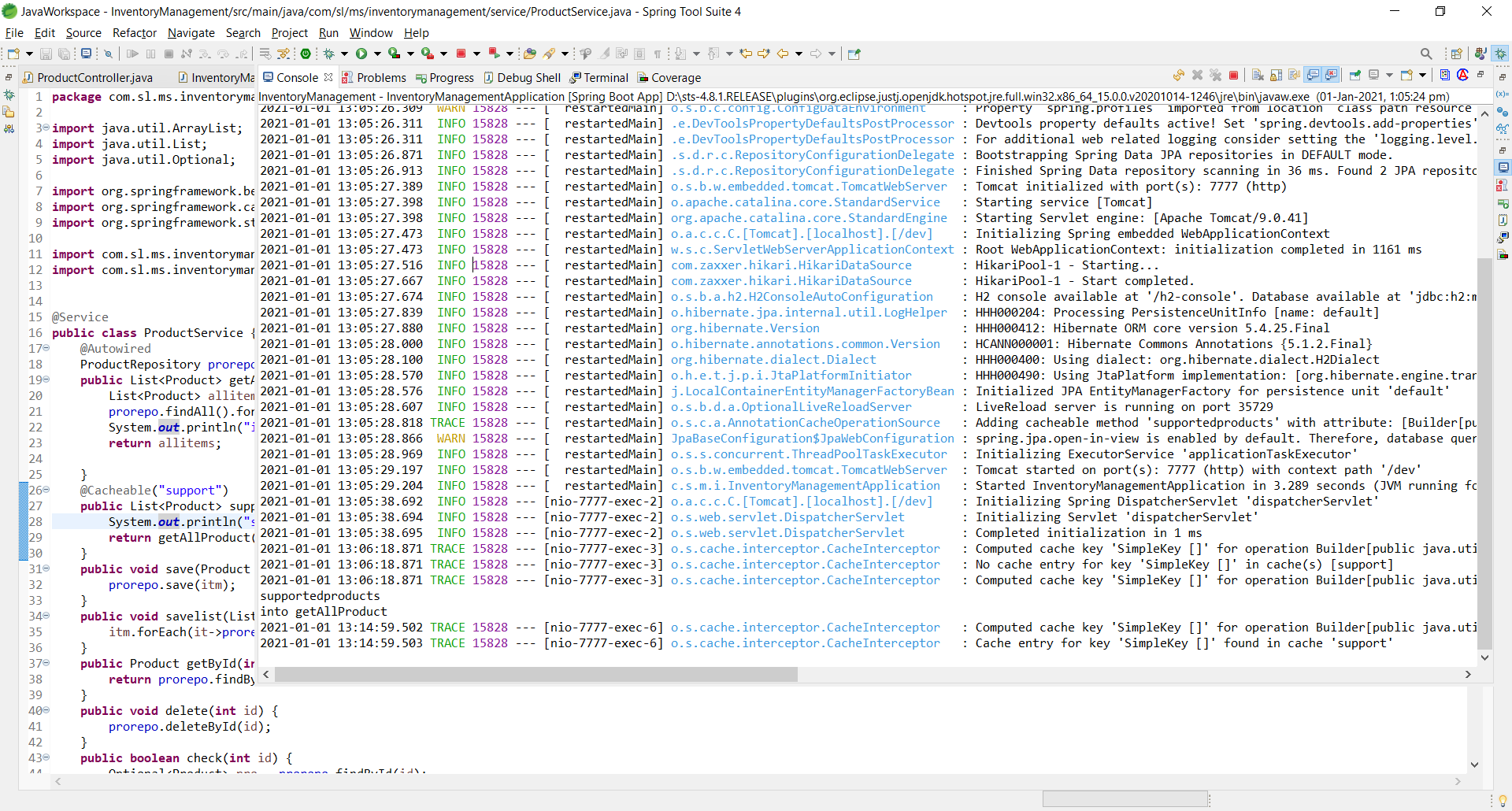


## With Cache

Executing it for the 2nd time. Time is 10ms

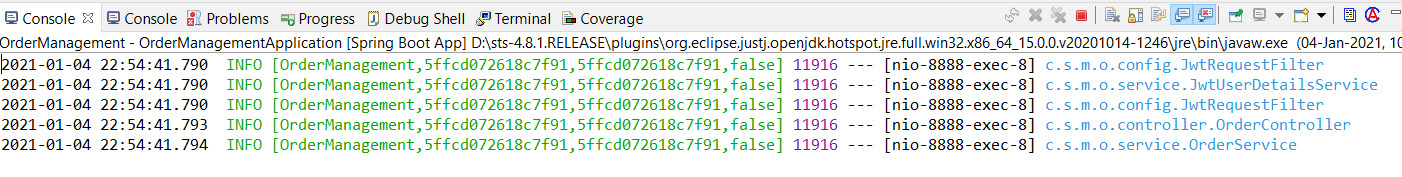


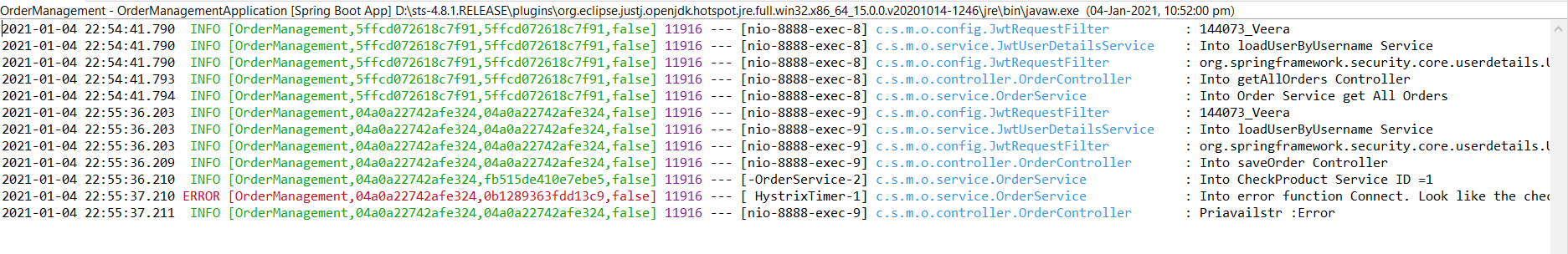
No Alert messages for the 2nd time. Tracing is enabled for Cache and logs can be seen in the console with value as “support”

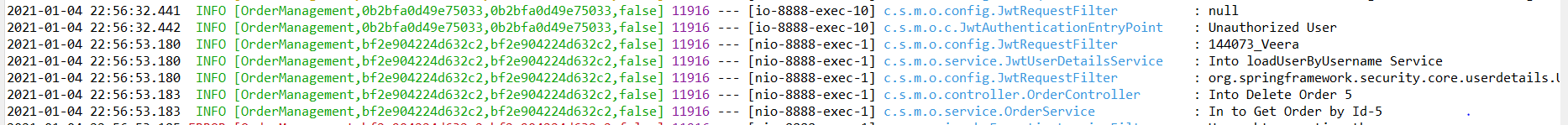


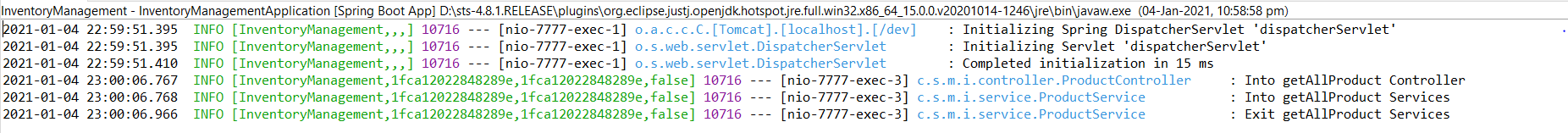
# Logging

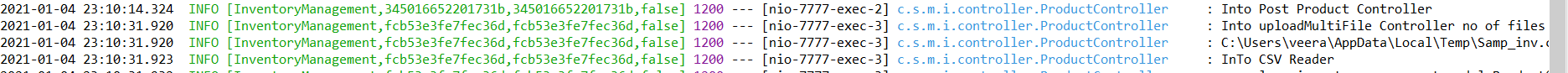
Some Logging Screenshot

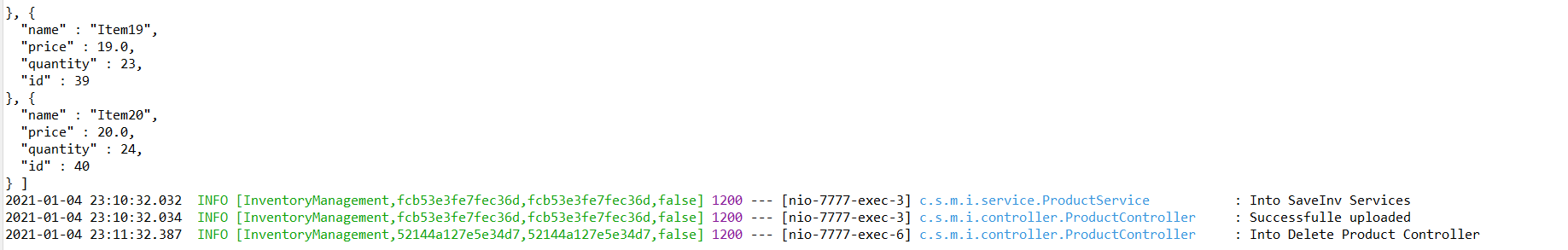






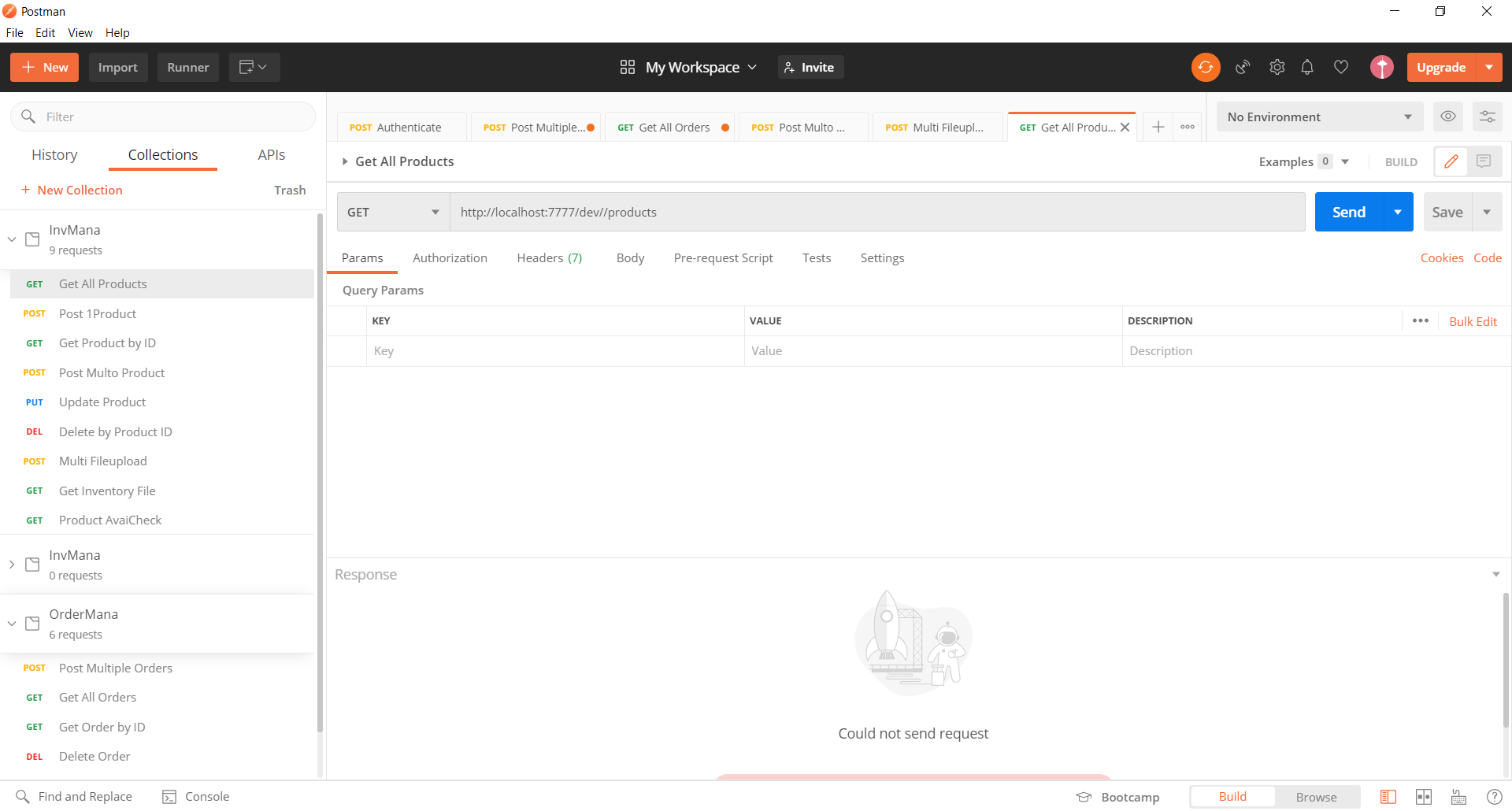


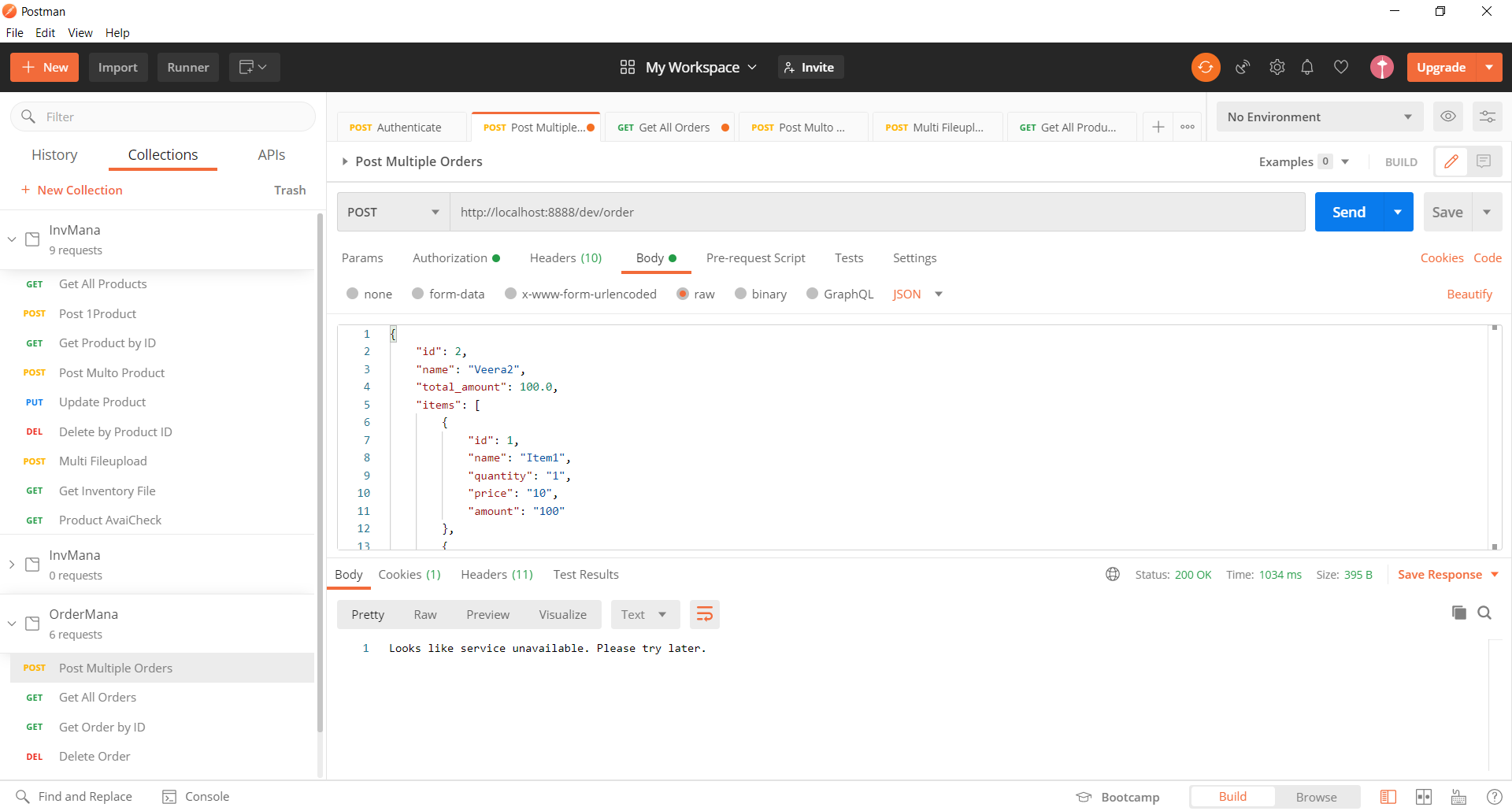




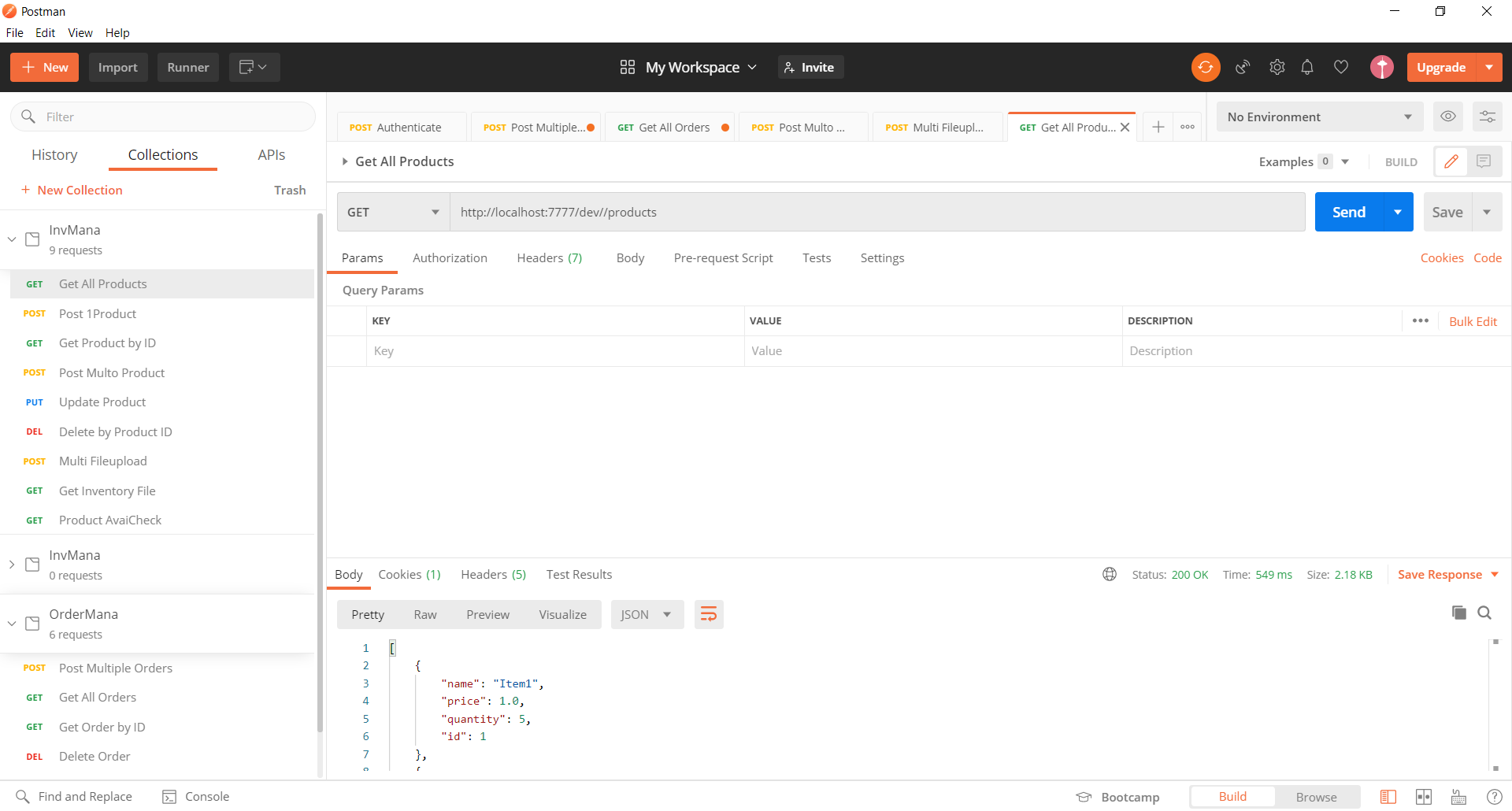
# Hystrix

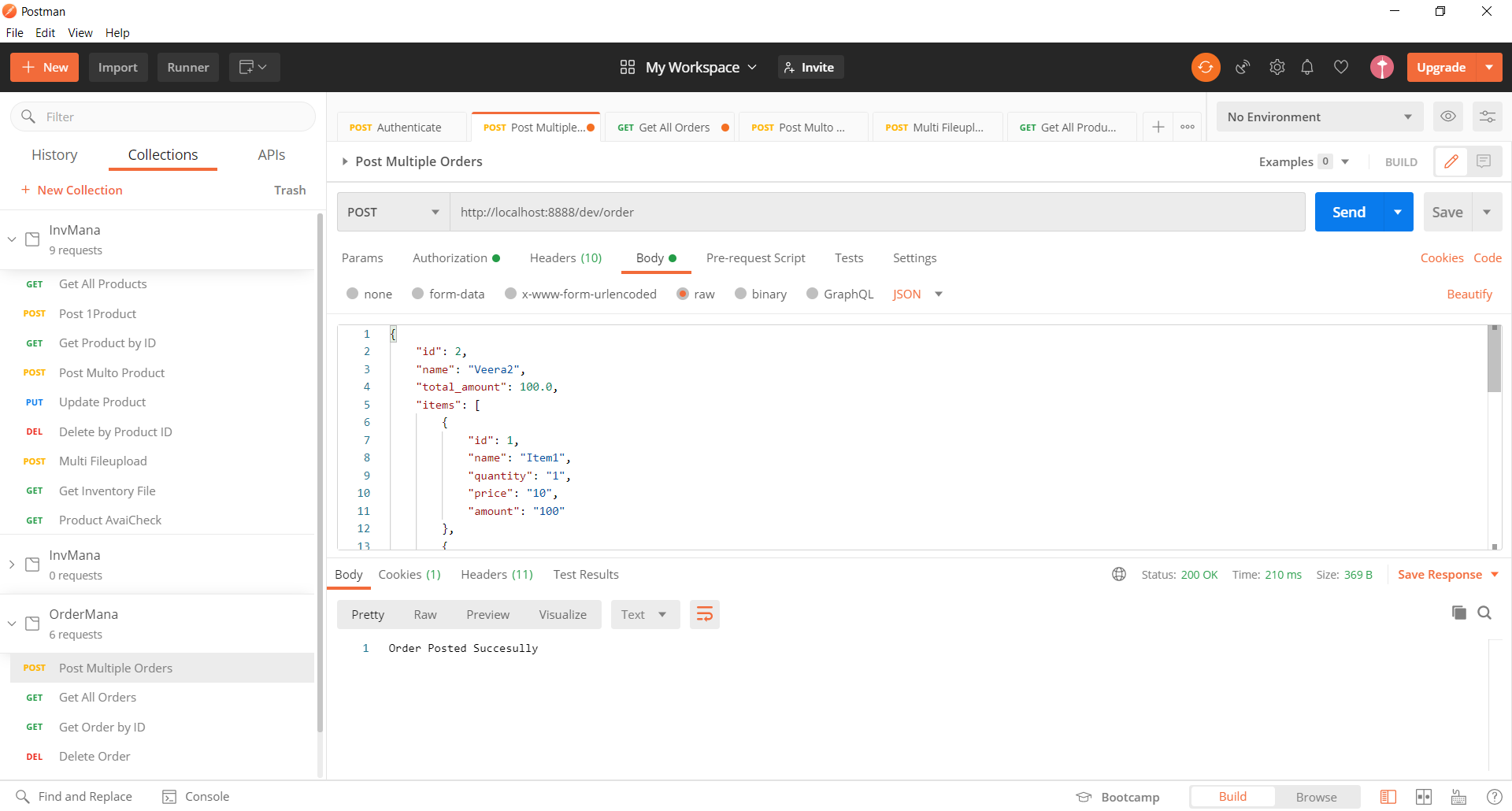
## Product Service Not Available and Error is displayed





## Product Service Available and order is posted successfully.

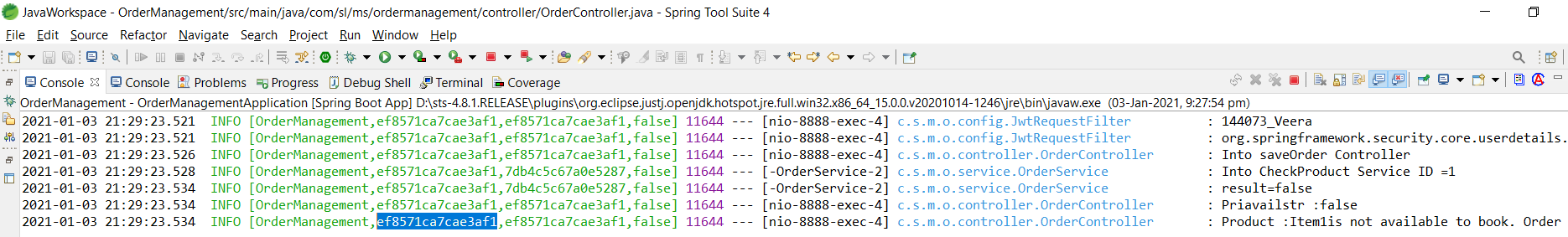




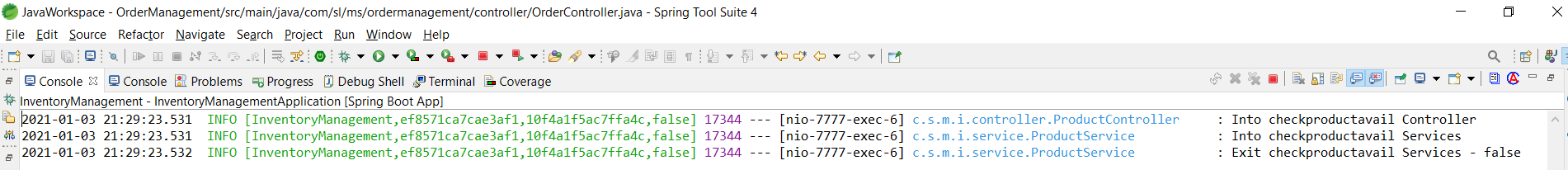
# Trace ID

Posting an order which will execute the code in Order management and check Inventory Management for the Product availability.

## Trace ID from Order Management Log- ef8571ca7cae3af1

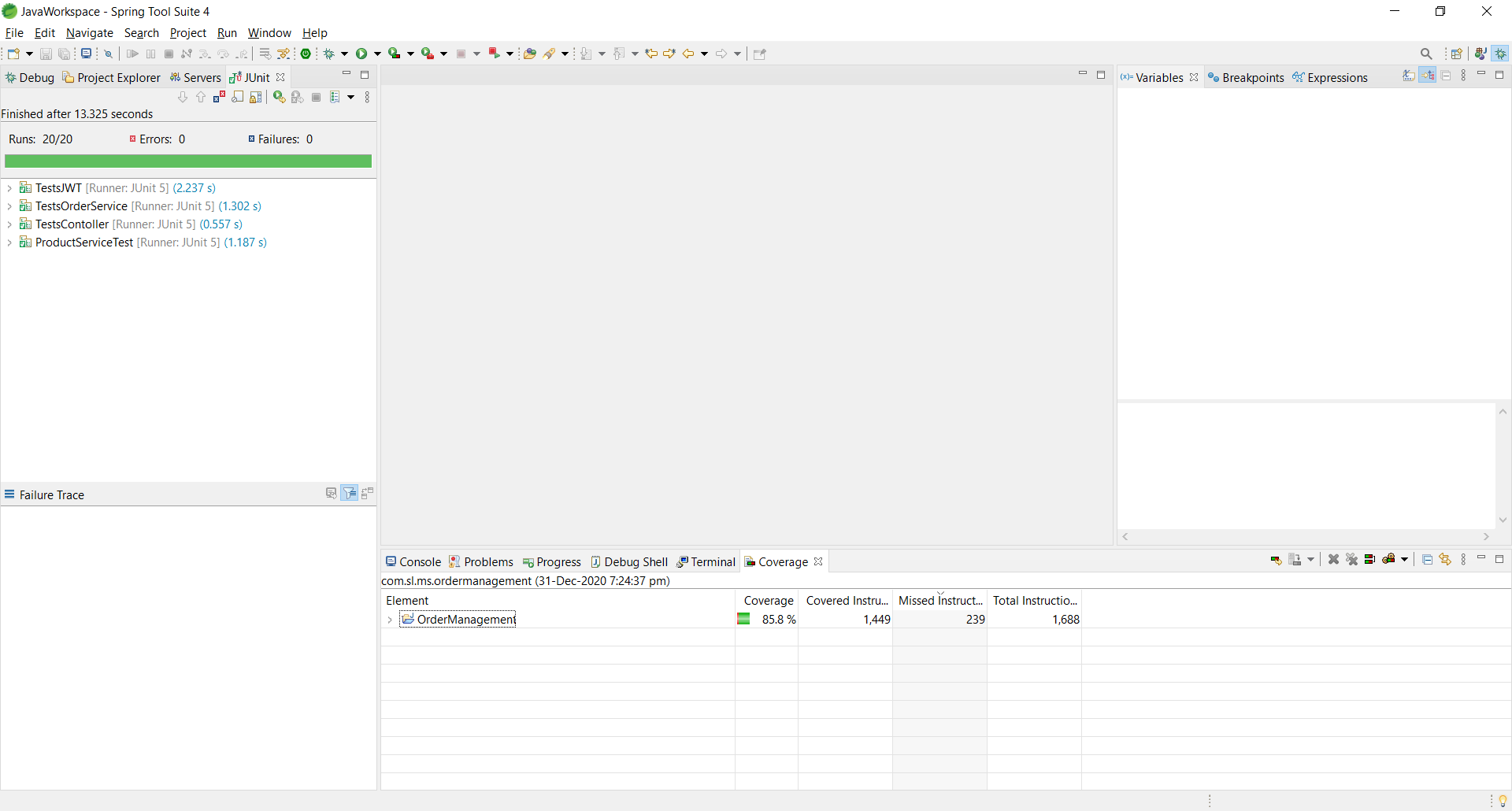


## Trace ID from Product Management Log- ef8571ca7cae3af1



# Code Coverage

## Order Management



## Inventory Management

