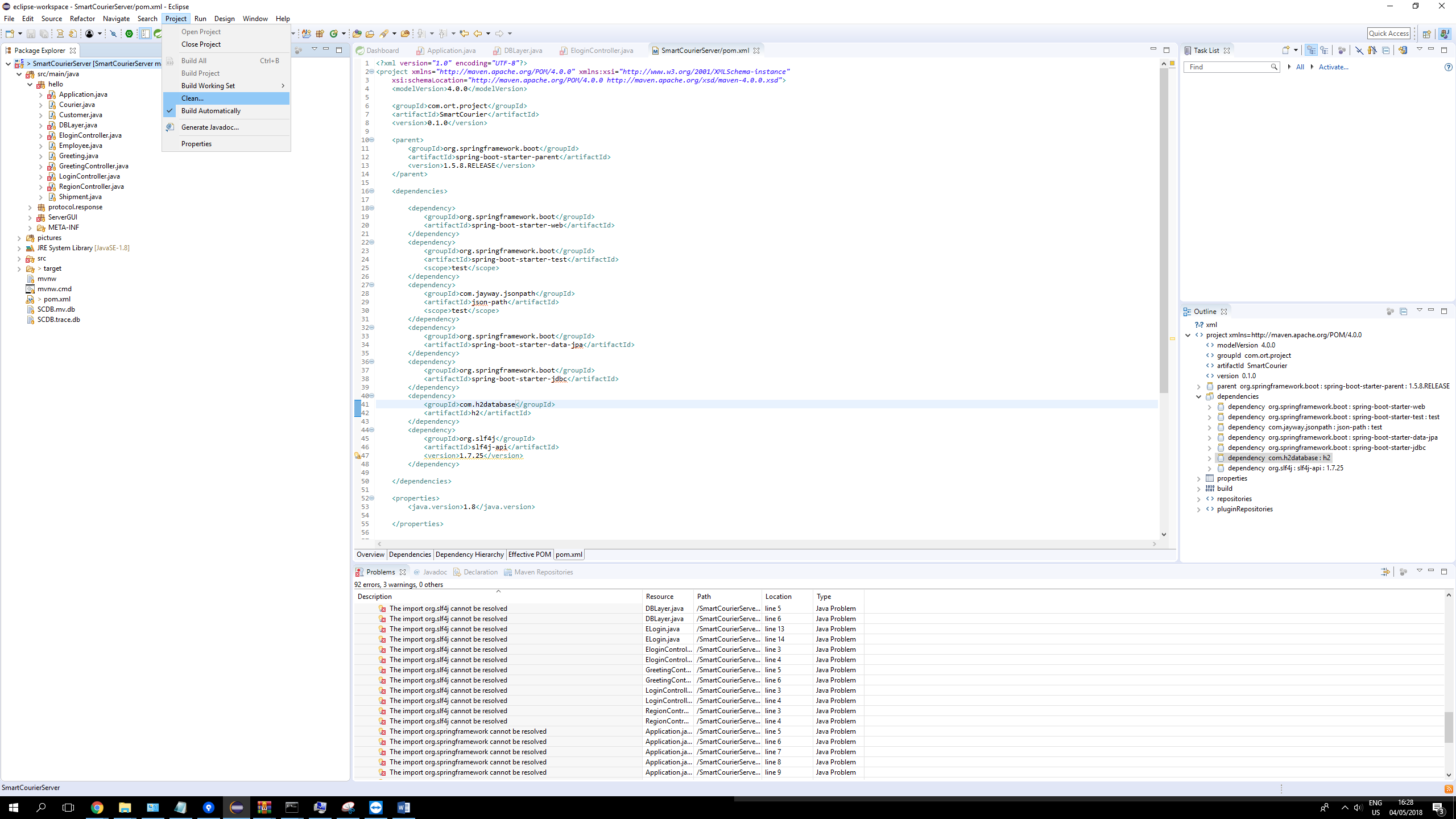
**When there is errors**

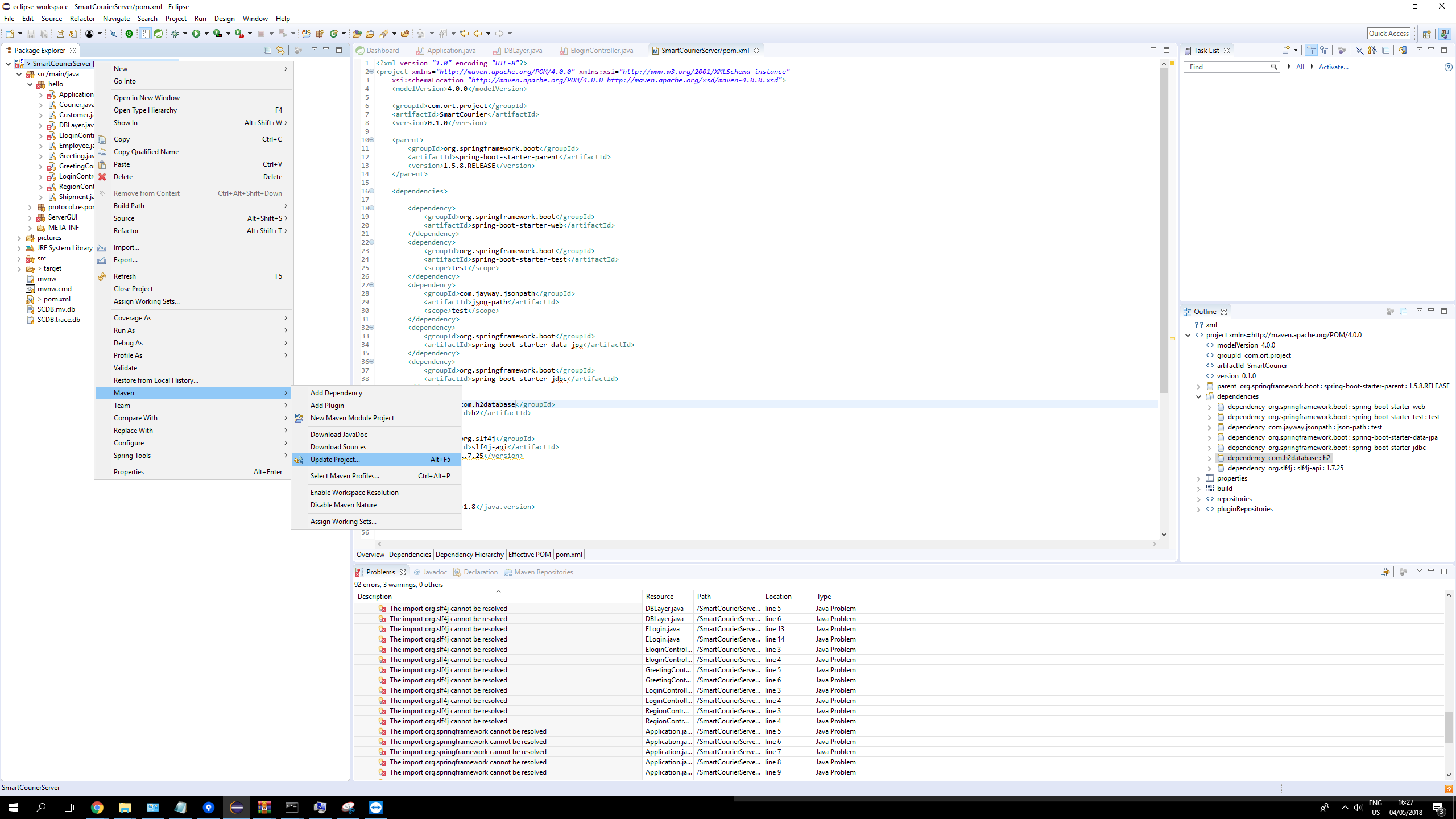
Project clean > Clean all projects

When you have problems inred, sometimes it cleans the project and solve the problems



Maven update – update the dependencies from pom.xml

Download the jars missing



**Run application in IDE**

1. Click on Application.java (the file with main) > F11 > Debug as – Spring boot
2. Go to url in browser: http://localhost:8080/login

**Run application on Server**

1. Build jar file – right click on the project name > …

**Talking with our server**

Your server has APIs: Login, Greenting, Region, Elogin (I know because the controllers exposing our API)

* REST API is the most common protocol to communicate over the web. It uses json in request/response. When you are using get, you are not sending a json.
* The response is always json
* Only for GET http method you are not sending json. For every other http method you are sending json always

**What is a REST request from server?**

URL: http://localhost:8080/{MAPPING-NAME-FROM-CONTROLLER}?parameter1=value2&parameter1=value2&...

HTTP Method: **GET/POST**/PUT/DELETE/UPDATE/other

Body: {…} - some json

**Example for login request/response**

Request:

URL: http://localhost:8080/login?id=0001&pass=pwd

HTTP Method: GET  
  
Response:

{

"text": "User not found!",

"courier": null

}

**Downloads**

<https://dev.mysql.com/downloads/mysql/>

**H2**

1. Download- <http://www.h2database.com/html/main.html>
2. Install
3. Run- C:\Program Files (x86)\H2\bin\h2.bat
4. H2 connect: http://192.168.14.146:8082  
   JDBC URL: jdbc:h2:~/H2Folder/SCDB (Starts from user folder)  
   Username: sa

**Test data**

ID: 200388353

Password: 200388353

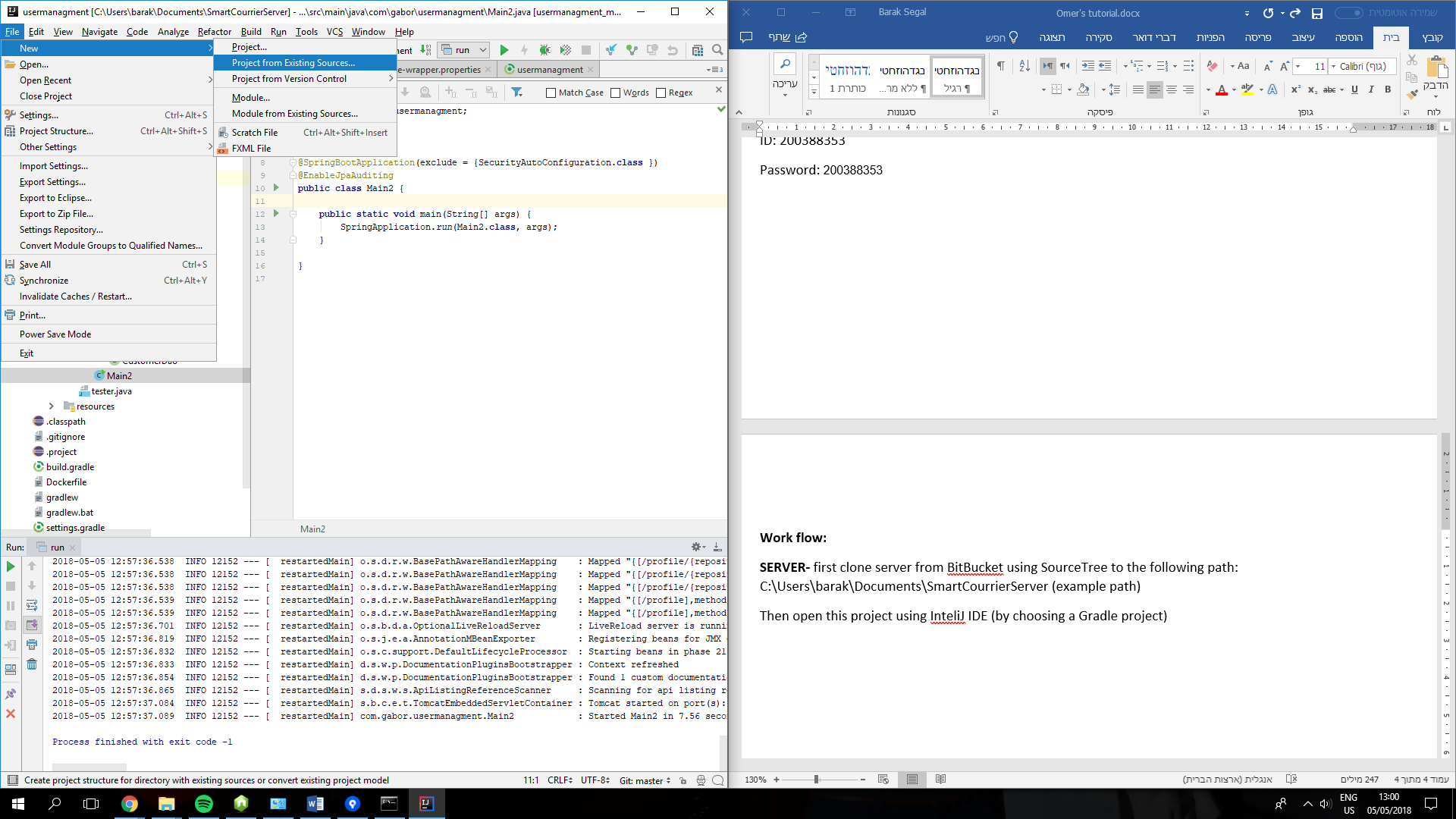
**Work flow:**

**BitBucket URL -** <https://bitbucket.org/Barak353/smartcourrierclient/>

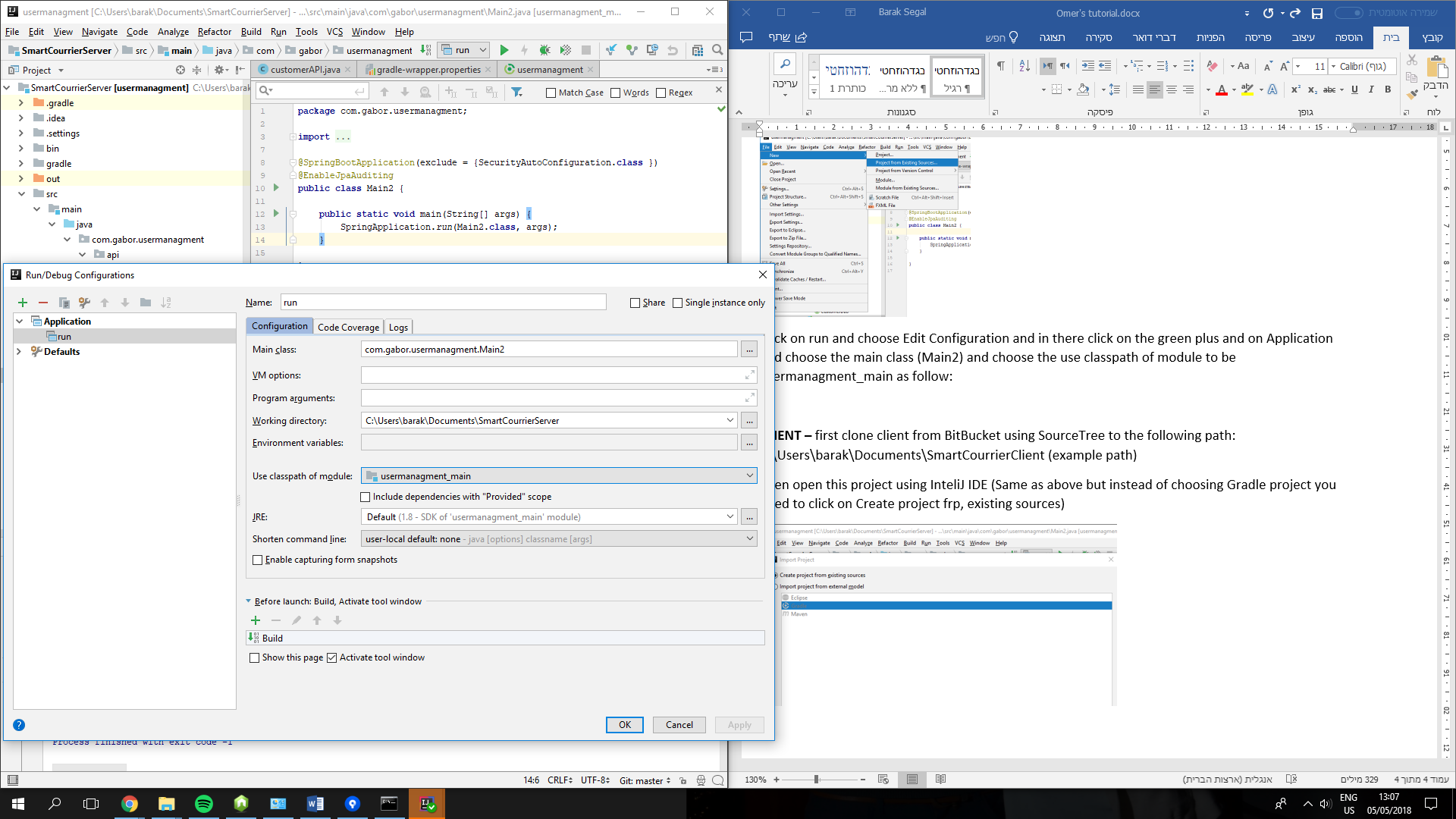
<https://bitbucket.org/Barak353/smartcourrierserver/>

**SERVER-** first clone server from BitBucket using SourceTree to the following path: C:\Users\barak\Documents\SmartCourrierServer (example path)

Then open this project using InteliJ IDE (by choosing a Gradle project)

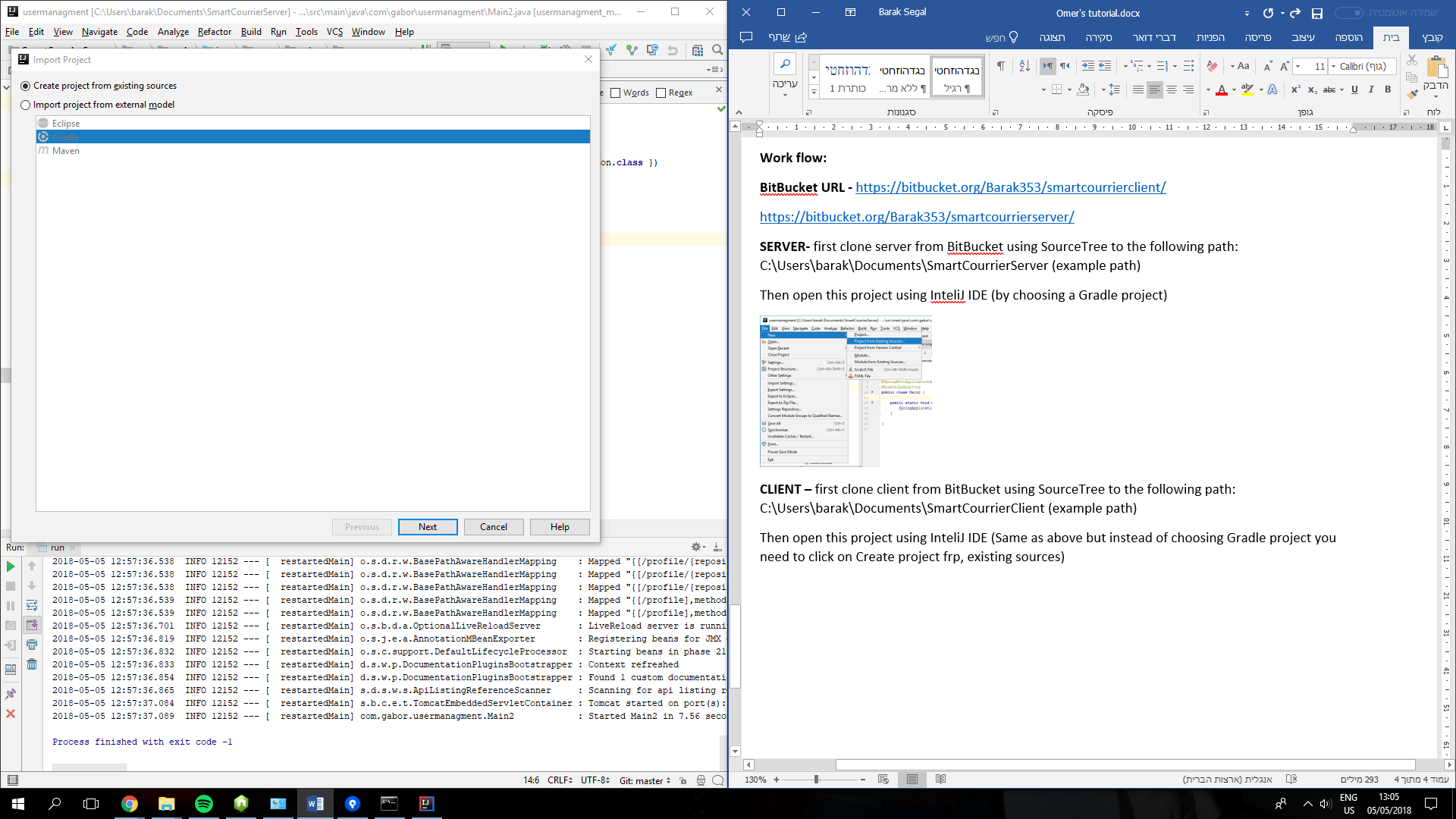


Click on run and choose Edit Configuration and in there click on the green plus and on Application and choose the main class (Main2) and choose the use classpath of module to be usermanagment\_main as follow:



**CLIENT –** first clone client from BitBucket using SourceTree to the following path: C:\Users\barak\Documents\SmartCourrierClient (example path)

Then open this project using InteliJ IDE (Same as above but instead of choosing Gradle project you need to click on Create project frp, existing sources)



Angular:

Compile Client: **ng serve** and Open it up in chrome in: <http://localhost:4200/> for the GUI of our client.

**ng e2e** running a tests on our client.