

Lappeenrannan teknillinen yliopisto  
School of Business and Management

Software Development Skills

**Marta Xiaoyang Moraga Hernández, 001101267**

**LEARNING DIARY, FULL-STACK 2022-23 MODULE**

**24/12/2022**

I accessed the course and read the necessary information. As it is quite similar to the Front-End course, I started setting up everything. I decided to work on Windows using Visual Studio Code.

Creating the repository was quite simple, because it was the same process as last time for the other course.

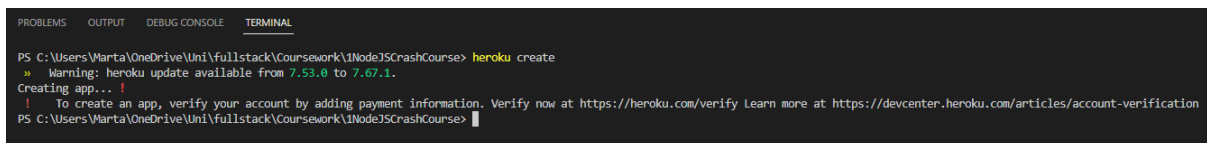
### Node.js Crash Course

The start was quite simple to follow, as the Advanced Web Applications course also uses Node.js.

**26/12/2022**

The tutorial is easy to follow, though I ran into some issues due to spelling. The short rundown of the modules was quite useful.

As it is necessary to add a payment method to Heroku, I did not deploy my application. However, I followed every step and noted down how the process would be if I used Heroku.



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\Marta\OneDrive\Uni\Fullstack\Coursework\NodeJSCrashCourse> heroku create
» Warning: heroku update available from 7.53.0 to 7.67.1.
Creating app... !
! To create an app, verify your account by adding payment information. Verify now at https://heroku.com/verify Learn more at https://devcenter.heroku.com/articles/account-verification
PS C:\Users\Marta\OneDrive\Uni\Fullstack\Coursework\NodeJSCrashCourse>
```

### MongoDB Crash Course

To download MongoDB and use the shell, MongoDB Community Server <https://www.mongodb.com/try/download/community> and MongoDB Shell <https://www.mongodb.com/try/download/shell> are necessary.

When I was watching the tutorial and had downloaded MongoDB Community Server, I was not able to find mongo.exe on my computer. After looking up the solution online, I followed the first answer to this [stackoverflow question https://stackoverflow.com/questions/73081708/mongo-exe-not-installed-in-version-6-0-0](https://stackoverflow.com/questions/73081708/mongo-exe-not-installed-in-version-6-0-0), which solved the issue.

After trying to insert an object the warning: *DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite* appeared. I will use those commands in the future.

I also learned that I can start or stop the MongoDB service throughout the Services console.