[git]

- [1] https://git-scm.com/docs/
- [2] https://www.atlassian.com/git/tutorials/
- [3] Learn Version Control with Git A step-by-step course for the complete beginner
- [4] A guide for git and github
- [5] Learn Git Branching
- [6] A successful Git branching model

[git from intellij idea]

- [11] Setting up a VCS
- [12] Working with a VCS
- [13] Local history
- [14] Working with git

[other git tools]

- [16] SourceTree (for windows and mac)
- [17] Git Extensions (windows)
- [18] GitKraken

[intellij idea]

[21] Intellij Idea Video Tutorials

[xml]

- [23] XML Tutorial
- [24] DOM Tutorial

[java]

- [27] The OCA/OCP Study Guide
- [28] Effective Java
- [29] https://docs.oracle.com/en/java/javase/11/docs/api/index.html
- [30] The Java™ Tutorials
- [31] Java 8 Tutorial
- [32] Reflection Tutorial
- [33] JDBC Tutorial
- [34] Java 8 Concurrency Tutorial
- [35] Java 8: Writing asynchronous code with CompletableFuture
- [36] Java 8: Definitive guide to CompletableFuture
- [37] Guide To CompletableFuture
- [38] Socket Tutorial

[spring]

- [43] Craig Walls, Spring in Action, Fourth Edition, Manning, 2015
- [45] The loC Container
- [46] Spring Remoting
- [47] JdbcTemplate
- [50] Property placeholders
- [51] Spring REST

[angular]

- [60] https://angular.io/
- [61] <u>Setup</u>
- [62] Tutorial

[JPA/Hibernate]

- [70] The JavaEE Tutorial
- [71] <u>Hibernate User Guide</u>
- [72] Introduction to JPA
- [73] Mapping relations
- [74] Mapping inheritance
- [75] Managing entities
- [76] JPQL
- [77] CriteriaAPI
- [78] Entity Graphs
- [79] JPA examples
- [80] Spring data repositories
- [81] JPA Repositories

[Testing]

- [95] Spring Test DbUnit Quickstart
- [96] Spring Test DBUnit
- [97] Unit Testing Spring MVC
- [98] Use Spring MVC Test framework and Mockito to test controllers
- [99] <u>Unit Test Spring MVC Rest Service: MockMVC, JUnit, Mockito</u>

[Security]

[100] BCrypt Calculator

[100] Spring Security for a REST API

[101] Security with Spring

[javascript]

[110] Destructuring

[111] ECMAScript 6 — New Features: Overview & Comparison

[112] ECMAScript - Object Rest/Spread Properties in ES2018 (ES9)

[116] Redux - motivation

[117] Redux - principles

[Messaging]

[120] see [43], Chapter 17

[121] Messaging with RabbitMQ

[122] How to install RabbitMQ on Ubuntu

[WebSockets]

[130] see [43], Chapter 18

[131] Web sockets. STOMP

How to run the projects with angular from the group (the angular part):

- In the **webapp** folder, execute the following commands:
 - 1. *npm install ---* do this only once (for each project from the group)
 - 2. *npm start* --- starts the server

Update npm and node to the latest stable version (do this only if you already have older versions installed)

```
Update npm:
```

npm install npm@latest -g

Update node:

sudo npm cache clean -f

sudo npm install -g n

sudo n stable

how-to-install-node-js-on-ubuntu-18-04