

## GIT

1. What are the three main sections, areas of a Git project  
-working directory - repository -staging area, index, cache
2. What command do we use to record changes from working area to the repository git commit
3. Suppose we want to have some files which will be intentionally untracked in our project. How do we can achieve this? .gitignore
4. What is the difference between untracked and unstaged file? Untracked basically means that Git sees a file you didn't have in the previous snapshot (commit):
5. How to invoke some our custom action when certain git action appears. How do we call this mechanism? Hooks
6. How to reset current HEAD position git reset
7. What are three main Git objects, stored in .git/object directory  
the blob, the tree, the commit

## MVN

1. What is the name of Maven default POM super-POM
2. What are the three lifecycles in Maven default clean site
3. What plugin is used by default in build (default) life cycle no plugin
4. How many phases does the clean, site and default (build) lifecycle have. 3, 4, 23
5. Which maven phase takes the compiled code and put it into distributable format, such as jar?  
package
6. What is the name of Jar that contains other jars? Uber-Jar
7. What plugins do you know for building uber-Jar – just 2 plugins  
assembly shade one-jar spring-boot -maven-plugin
8. What are three compulsory / required coordinates in pom for given project  
groupId:artifactId:version

## BASH

1. What does the mv command do? moves files renames files
2. What is the command substitution? Allows the output of a command to replace command itself \$(command) `command`

3. What is the bash symbol, variable for the exit status of the most recently run process? \$?
4. What is the number of standard error file descriptor? 2

## LAMBDA

1. In which version of java language lambda's where introduces? 8
2. From which package lambda's come from?
3. 3 default functional interfaes and their defaultes methods

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