

HOMework WEEK 6

(handout for students)

40 marks in total

TASK 1 (Making Your Answer File - Git)

- Make a new branch called "foundation-homework4" in your local repository and add a markdown file called "theory.MD"
- This file will be used for Task 2.

TASK 2 (Theory Questions)

In your "theory.MD" file, answer the questions in this section.

- You can use this cheat sheet to familiarise yourself with markdown files and how you can format one:
 - <https://www.markdownguide.org/cheat-sheet/>
- It is expected for the file to be readable.

Question 1

Fill in the blank:

Git is an example of a **distributed version control** system.

Question 2

Name a code hosting service that uses Git.

ANS: Github

Question 3

There are 3 states in Git that files can be in. What are these states?

ANS: Committed, Modified, Staged

Question 4

PR and repo are common abbreviations in the world of Git. What do they mean?

ANS: Pull request, repository

Question 5

What is the git command that updates the local repository with changes from the remote repository?

ANS: git pull

Question 6

What is the git command that gets the changes from the remote repository but doesn't update your local repository?

ANS: git fetch

FOUNDATION



Question 7

What is the git command that updates the remote repository with local repository code?

ANS: git push

Question 8

What does the *git commit* command need to work?

ANS: Staged changes, commit message, author information.