



prep week: git basics

The following exercise contains the following subjects:

- git and github basics

Instructions

answer:

1. What is Git?
2. What is a repository in Git?
3. What is the purpose of version control?
4. What is a commit in Git?
5. What is a branch in Git?
6. What is a merge in Git?
7. What is a pull request on GitHub?
8. What is a remote in Git?
9. What is a Git workflow?
10. What is the purpose of the "git clone" command?
11. What does "git pull" do?
12. What is the "git push" command used for?
13. What is a merge conflict?
14. What is the purpose of a ".gitignore" file?
15. What is a README file in a repository?
16. What is the purpose of a "fork" on GitHub?
17. What is the difference between "git merge" and "git rebase"?
18. What is the purpose of a "git branch" command?
19. What does the term "origin" refer to in Git?
20. How can you undo the last commit without losing changes?





21. What is a "git stash"?
22. What is the difference between a "pull request" and a "merge request"?
23. How do you resolve a merge conflict?
24. What is the purpose of a "git tag"?
25. How can you create a new branch and switch to it in a single command?
26. What does the "HEAD" pointer represent in Git?
27. What is the purpose of the "git log" command?
28. How do you revert a commit using "git revert"?
29. What is the difference between a "public" repository and a "private" repository on GitHub?
30. What is the advantage of using a version control system like Git in a collaborative project?

