

Git Exercise

1. Initialize an empty local Git repository.
2. Create a new file called `f1` with content `file1`.
3. Run command `git status` to check the status of the repo. *Answer Question 1 in the quiz.*
4. Add file `f1` to the repo and commit the staged change.
5. Create a file called `f2` with content `file2`.
6. Add file `f2` to the repo and commit the staged change.
7. Overwrite the content of file `f2` with content `revised file2`. *Answer Question 2 in the quiz.*
8. Run command `git status` to check the status of the repo. *Answer Question 3 in the quiz.*
9. Stage the change to file `f2`.
10. Run command `git status` to check the status of the repo. *Answer Question 4 in the quiz.*
11. Overwrite the content of file `f1` with content `revised file1`.
12. Use command `git diff` to display un-staged changes. *Answer Question 5 in the quiz.*
13. Stage the change to file `f1`.
14. Use command `git diff` to display staged changes. *Answer Question 6 in the quiz.*
15. Commit the change to file `f1`.
16. Run command `git log --oneline --all` to view the commit history. *Answer Question 7 in the quiz.*
17. Run command `git reset HEAD~`.
18. Run command `git log --oneline --all` to view the commit history. *Answer Question 8 in the quiz.*
19. Run command `git diff` to display un-staged changes. *Answer Question 9 in the quiz.*
20. Run command `git checkout f1`.
21. Use command `cat` to display the content of file `f1`. *Answer Question 10 in the quiz.*