

# GitHub Training Module

Date :

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Q1] What is the command you can use to write a commit message?

Ans-> `git commit -m "Message to go with the commit here"`.

Q2] How can you create a repository in git?

Ans-> `git init`

Q3] To delete a branch what is the command that is used?

Ans-> `git branch -d <branch>`

Q4] What is another option for merging in git with command?

Ans-> `git rebase branch -B`

Q5] To add file in staging area?

Ans-> `git add <file-name>`

Q6] To add all file not staged?

Ans-> `git add .`

Q7] To stage a specific file?

Ans-> `git add directory`

Q8] How to check status of working branch?

Ans-> `git branch --show-current`

Q9] Create a new branch, list all remote or local branches?

Ans-> `git checkout -b <branch-name>`

local branches or remote branches -> `git branch -a`



Q 10.] checkout an existing branch  
checkout & create a new branch with that name.

Ans-> git checkout Branch-Name  
git branch <branch-name>  
git checkout <branch-name>

Q 11.] Running git config globally

Ans-> git config --global -e

Q 12.] Running git config on the current repository settings

Ans-> git config user.email "my@emailaddress.com"  
git config user.name "Brain Kerr"

Q 13.] Merge changes into current branch

Ans-> Select the branch that you want to merge into the current branch, click modify option choose from the following

- no-ff commit will be created in all cases.
- ff-only merge will be resolved only if it is possible to fast-forward

Q 14.] Working with remote repositories:

Add remote repository

Ans-> git remote add <shortname> <url>

Q 15.] Working with remote repositories

List named remote repositories

Ans-> git remote -v

Q 16.] How to create a local working copy of an existing remote repository



Ans → `git clone`

Q17] How to get the latest version of a repository rem.

Ans → `git pull`

Q18] send local commits to the remote repository

Ans → `git push <REPO NAME> <BRANCH NAME>`

Q19] Push all local branches to remote repository

Ans → `git push --all`

Q20] To save changes made when they're not in a stable to commit them to repository

Ans → `git stash -u`

Q21] Bring stashed work back to the working directory

Ans → `git stash pop`

Q22] To show the chronological commit history for a repository

Ans. `git log --oneline` or `git log`

Q23] Show `git log` with date parameters

Ans → `git commit -m "test" --date = format: relative: 5.hours.ago`

Q24] Show `git log` based on commit author

Ans → `git log [<options>] [<revision range>] [--] [<path>...]`

Q25] Remove files or directories from the working index (staging area)

Ans → `git reset HEAD --<path/to/file>`  
`git rm --cached <file name>`

Q26.] To dele a file (force)

Ans-) `git rm. <file> -f css/style.css`

Q27.] To remove an entire directory from the working index (cached)

Ans-) `git rm -r --cachedcss /`

Q28.] To delete an entire directory (force)

Ans-) `git rm -r --cached myFolder`  
`git rm -r -f css/`