Git

Keywords/Questions:

* git init
* git status
* git add filename.ext
* git add .
* git commit -m “version difference description “
* git rm –chached -r filename || .
* git log
* git diff filename.ext
* git checkout filename.ext
* git remote add origin https:link to the
* git push -u origin master
* git .gitignore
* inside the gitignore file
* <https://github.com/github/gitignore>
* git clone URLofRepositry
* git branch nameofbranch
* git branch
* git checkout nameofbranch
* git merge nameofbranch
* https://learngitbranching.js.org/

Notes:

* Initializes git inside the directory we are inside so that we can manage and control versions of files in this directory.
* Shows which files are already added to the staging area (changes are being tracked) and which are not
* Adds a file to the staging area to start tracking it’s changes and control the versions of this file.
* Adds all files in the directory to the staging area.
* Used to Commit a new version of the files (including the first version) with a message describing the changes that has been made from the last version to this version.
* Removes a file/all files from the staged area so that they are no longer tracked to be commited
* Shows all committed version of the file with a hash unique to each commit and the date of the commit.
* Show all the differences between the last and the current version.
* Rolls back the to the latest COMMITED version(“from the current not commited version to the latest commited version).
* Creats a remote repository that links the local repository to the remote repository specified by the link we provide at the end of the command.
* Pushes all the commits to the remote online repository.
* Creats the file in which we wanna declare which files we want to have them ignore and not pushed to the remote reposidry.
* To add files we want to ignore we add their exact names in a new line.
* We can use # to add comments.
* \*.ext ignores all files with the specified extension.
* Contain various gitignore templates that we can copy and use in our projects.
* Allows us to clone a repository from github to our local device so we can open it and try it, use it in a code, modify it or do whatever we want with it. We can also use git log to see all the previous commits of this repository.
* Creats a new branch for our repository.
* Shows all branches and which one we are currently in.
* Switches to this branch.
* Merges the branch with the specified name to the branch we are currently in. after entering the command we can type a merging message then we type :q! to save and quit.
* Usefull link to learn more about git.

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