Private repository backs up local repository AND keeps files/work private.

Files:

* Untracked: files you don’t NEED to backup/keep track of. EX. Images, other random files
* Tracked: important files changes may be made to.

Local Repo🡪Remote Repo is called GIT PUSH

Remote Repo🡪Local Repo is called GIT CLONE

-once updates are made and wanted to update across a different local repo, use GIT PULL to update from Remote Repo

Commit: snapshot of all files that have been changed

* Use commits after making chosen updates, as breakpoints in the development timeline.

Branches: Timeline copy from Remote Repo to Local Repo for personal use and to keep Remote Repo (master copy) pure.

* Branches used mainly for work in progress code, able to save spots and upload completed “project” all in one commit to the main line.

Git Objects

* Tree: folders holding many files.
* Blob: html, java, or any other source code file within the tree
* Commit
* Tab

Origin Master is the Remote Repository