**ASSISTED PRACTICE PROJECT 2:** Crud Operations in Git

Step 1: Reverting the previous commits

* We can get the hash by running: **git log**
* We can run (**git log –oneline**) to simplify the output.
* We can revert the previous commits by running: **git** **revert <commit hash>**
* We can fix the detached head by running: **git checkout <current branch>**

Step 2: Ignoring specific files from the .git directory

* Create a **.gitignore** file in the directory of the files which needs to be checked in to our GitHub account
* Use the globbing patterns to match against file names

Step 3: Pulling the commits and collaborating between the local and remote repositories

* The **git pull** command first runs **git fetch** which download content from the specified remote repository
* The **git merge** command is executed to merge the remote content references and heads into a new local merge commit
* We can execute **git pull <options>** to fetch the specified remote’s copy of the current branch and immediately merge it into local copy
* We can execute **git pull –no-commit <remote>** that fetches the remote content but doesn’t create a new merge commit
* We can execute **git pull –verbose** to fetch the verbose output during a pull
* We can execute **git pull –rebase <remote>** instead of **git merge**