GIT and GITHUB

- **git init** = to initialize git on a repository (do git init after navigating to the particular folder)
- **git status** = gives information about the status of a repository
- **git checkout -b dev** = creates and switches to a new branch "dev"
- **git switch branchX/ git checkout branchX**= switches to a new branch branchX
- **git branch** = shows in which branch you are currently working
- **git add FileX** = adds file FileX to get ready for commiting
- **git add .** = adds all the files in that folder
- **git commit -m "your message"** = commits file

- Before committing, these configs may have to be done:
  Global Email: **git config - -global user.email "bibekstl@gmail.com"**
  Global username: **git config - -global user.name "Vivek Sitaula"**

- **git restore FileX =** restores FileX if deleted accidentally or intentionally (it will restore the file in the state where it was on committed branch during the time of deletion)
- **git restore - -staged FileX** = reverts back FileXto unstaged (unadded), if FileX is added and don't want to commit or no need to add
- **git log** = displays log about the changes
- **git clone** https://github.com/BibekSitaula/git-demo.git = fetches repo from github on local git folder
- **git push origin main** = pushes changes on local machine to github
- **git pull origin main** = fetches changes from github to local machine