1. Login to GitHub and create GitHub repository.
   1. Example: [devvratgoyal](https://github.com/devvratgoyal)/[SFDC-Development-DVG](https://github.com/devvratgoyal/SFDC-Development-DVG)
2. Configuration for cloning repository to your local machine
   1. Open command prompt and go to the directory location where you want to setup your code repository.
   2. Example : cd C:\Users\GOYALDEV\Documents\Docs\Projects\CI CD\SFDC-Development-POC
   3. Run command to configure your Git username, where <your name> will be your GitHub username.
      1. Example: git config --global user.name "devvratgoyal"
   4. Next, enter your e-mail address by typing the following command, where <your e-mail> is your e-mail address.
      1. Example: git config --global user.email "tellgoyaldev@gmail.com"
3. Clone repository to your machine
   1. Run below command. (To find the repository address, go to a repository on GitHub and click the Clone or download repository link to get the address)
      1. Example: git clone <https://github.com/devvratgoyal/SFDC-Development-DVG.git>
      2. This will pop up a window to login to your GitHub account. Once logged in successfully, you will be directed back to command line and in the directory you selected, repository will be cloned.
4. Command to list remote repository
   * 1. First go to the directory with cd command: cd SFDC-Development-POC
   1. This will list remote repository
      1. git remote and Output : origin
   2. This will list aliases (url or path)
      1. git remote –v and Output :

origin https://github.com/devvratgoyal/SFDC-Development-DVG.git (fetch)

origin https://github.com/devvratgoyal/SFDC-Development-DVG.git (push)

1. Create SFDC project in VS code and retrieve codebase
   1. Open available commands in VS Code by pressing ‘Ctrl+Shift+P’
   2. Select command ‘SFDX: Create Project with Manifest’ or ‘SFDX: Create Project’
   3. Select the same directory which you selected for cloning GitHub repository (directory containing ‘.git’ folder).
   4. Also save the workspace file (directory containing ‘force-app’ folder)
   5. After creating project, authorize org by using command ‘SFDX: Authorize an org’
   6. If you are not getting ‘SFDX: Authorize an org’, make sure your .git and .sfdx folder are at the same location and you have selected the same directory/ folder in VS Code.
   7. For project with Manifest, right click on manifest/package.xml and run ‘retrieve source in manifest from org’.
   8. For project without Manifest, go to org browser and click ‘retrieve source from org’.
2. Stage files you want to check-in to GitHub
   1. File in current repository location: git add example.txt
   2. File in subfolder : git add vsdevelopmentdvg/sfdx-project.json
   3. Folder with all files: git add vsdevelopmentdvg
   4. Subfolder with all fiels: git add vsdevelopmentdvg/force-app/main/default
   5. All fields and folders in current location : git add \*
3. Status of staged files (This display all files which have got staged and also untracked changes)
   1. git status
      1. This will show staged files in green which are ready to be committed.This will also show remaining files in red which are not staged.
4. Remove files from staging
   1. Everything which have got staged
      1. git reset HEAD --
   2. Staged Files within certain subfolder
      1. git reset HEAD -- vsdevelopmentdvg/force-app/main/default/triggers
5. Commit changes to local repository
   1. git commit -m "initial version"
6. Un-commit changes
   1. git reset --hard HEAD
7. Push committed changes to GitHub Repository
   1. git push
8. References
   1. <https://www.computerhope.com/issues/ch001927.htm>