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Assignment 1

1.i) git init local-repo1

cd local-repo1

git add .

git commit -m “local repo created”

1.ii) Remote repository created

git remote add origin <https://github.com/Paul-Ayanava/PS_PJP_WEEK1.git>

1.iii) git branch Feature-Branch

git branch Dev-Branch

git branch QA-Branch

git branch Prod-Branch

git branch Delivery-Branch

1.iv) git push origin –all

1.v) notepad++ README.md

notepad++ toBeDeleted.txt

git add .

git status

git rm -f toBeDeleted.txt

mkdir toBeDeleted

cd toBeDeleted

notepad++ text.txt

cd ..

git rm -r -f toBeDeleted

1.vi) git checkout Feature-Branch

notepad++ text.txt

git add .

git commit -m “change added”

git push origin Feature-Branch

1.vii) code is promoted from feature branch to dev branch via pull request

1.viii) git fetch

git merge origin/Dev-Branch

git merge origin/Feature-Branch

1.ix) git pull checks remote repository for any update and fetch the update to merge it with local repository. While git checkout does not connect with the remove branch.

1.x) Merge conflict is created in Feature-Branch and resolved successfully

1.xi) All codes are in sync with all the branches.