**Create a new project on your local machine, then push it your remote repo.**

git init

git add .

Git commit -m “first commit”

git branch -M main

git remote add origin <https://github.com/mostafaomar7/lab-2-vision-control.git>

git push -u origin main

**Create two branches (dev & test) then create one file on each branch and push these changes to the remote repo.**git branch dev

git branch test

git checkout dev

git add .

git commit -m “dev commit”

git push origin dev

git checkout test

git add .

git commit -m “test commit”

git push origin test

**Merge this changes on Main branch and then push it to your remote main branch.**

git checkout main

git merge dev

git add .

git commit -m “merged dev”

git merge test

git add .

git commit -m “merged test”

git push

**Tell me how to remove them locally and remotely**

**Locally:**

git branch -d dev

git branch -d test

**Remotely:**

git push origin --delete dev

git push origin --delete test

**Tell me how to checkout another branch without commit changes.**

git checkout dev

git stash //after adding changes to dev

git checkout main

git stash apply //to commit changes later

**Create an annotated tag with tagname (v1.7).**

git tag -a v1.0 -m “initial version”

**Push it to the remote repository.**

git push origin v1.0

**Tell me how to list tags.**

git tag

**Tell me how to delete tag locally and remotely.**

git tag -d v1.0 git push origin –delete tag v1.0

**Add an image in the README.md file.**

<https://github.com/mostafaomar7/lab-2-vision-control/blob/main/README.md>

**Repository link:**

<https://github.com/mostafaomar7/lab-2-vision-control/tree/main>