**Exp 2 - Version Control Using Git**

sudo apt-get install git

sudo apt-get update

git --version

git config --global user.name “monicaar14”

git config --global user.email “mrak9324@gmail.com”

git init

mkdir devopslab

cd devopslab

ls

git --version

echo

echo “hello world” > first.txt

ls

echo “hello again” > second.txt

ls

cat first.txt

cat second.txt

git init

git add first.txt

git add second.txt

git status

git commit -m”second practical”

git status

echo “change the text in first file” > first.txt

cat first.txt

git remote add origin [https://github.com/monicaar14/devops-lab-first.git](https://github.com/MonicaAR14/Devops-lab-first.git)

git remote add origin [https://github.com/monicaar14/devops-lab-first.git](https://github.com/MonicaAR14/Devops-lab-first.git)

git branch -m main

git config --global user.name “monicaar14”

git config --global user.email “mrak9324@gmail.com”

git push -u origin main

git clone [https://github.cpm/monicaar14/devops-lab-first.git/’](https://github.cpm/MonicaAR14/Devops-lab-first.git/’)

git push

git push -u origin main

git init

git add first.txt

git add second.txt

git status

git commit -m”second practical”

git status

echo “change the text infirst file” > first.file

cat first.txt

git commit -m:second commit for second prac”

git add first.txt

git commit -m:second commit for second prac”

**Exp 3: Cloninng And Bramching Repo**

copy https link from repo from code

git clone [https://github.cpm/monicaar14/devops-lab-first.git](https://github.cpm/MonicaAR14/Devops-lab-first.git/’)

[’](https://github.cpm/MonicaAR14/Devops-lab-first.git/’)

ls

cd devops-lab-first/

ls

branching----

git branch -a

ls

git checkout -b new\_branch

git branch -a

git config --global user.email “mrak9324@gmail.com”

git commit -m”added new branch”

git push

git push --set-upstream origin new\_branch

**Exp 4: Docker Installation And Config**

install deskdtop version

docker --version

docker pull ubuntu

docker images

docker ps

docker run -it ubuntu

docker ps

docker stop cc08990335(id of ubuntu)

docker stop cc0977666

docker ps

docker kill 59jkfkdjdgj78

docker ps -a

docker rm fhffk345555g

docker images

docker rmi 58dgvg7f8e8

docker images