Phase -1 Practice Project : Assisted Practice

became a root user

# sudo su -

create working directory

command:

# mkdir myproject

Go inside the directory

command:

# cd myproject

create empty files

# touch file1.java file2.jav

Create a local repository

# git init

git configurations:

git config --global user.name sindhu

git config --global user.email sindhu13501@gmail.com

Adding a file to Local repo

# git status

# git add .

# git status

# git commit -m "added file file1 and file2"

Make changes in the file--> add some content in the file

Edit the file

command:

# nano file1.java

insert this is my first file

Press CTL x

press y

press enter

# git status

# nano file1.java

insert this is my first file

Press CTL x

press y

press enter

# git status

# git log

# git log --oneline

# git status

filename to be deleted:

# git commit -a -m "modified file"

# git log

# git log --oneline

#git ls-files

# ls

# git rm file1.java

# ls

# git ls-files

# git status

Commit the deletion of file:

# git commit -m "deletion of file"

# git log --oneline

Revert command:

# git log --oneline

# git revert 9883746

enter

open nano editor file

insert ....

# ls

# git ls-files

# ls

Ignored files Files will be present in the Working directory:

# touch file.txt file2.xml file3.log file4.class

# git status

# nano .gitignore

insert

\*.txt

\*.log

\*.xml

\*.class

Save the file and exit

Check the status now and commit .gitignore file:

# git status

# git add .

# git commit -m "added .gitignore"

# git log --oneline

# ls

generate SSH keys:

# cd

# ssh-keygen

# cat /root/.ssh/id\_rsa.pub

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCwtOi5QXKZS2fJW39wWtWdMVY4xLX3/9eZDXmRbZzERCrToumrWFiGIYWc6i/

e9i8mBmKd5mXkdO72UPNH1GOYMQeqEw60p1T2KUjWbNBmFLeJQucdWFhn7ZPLnlypjSJmcca1qCll//IpKGeUYq6jpKtv64yvX1W67c/Co7UFoVSuMqwCJBNl0KCsno1IZS4ebFiVM7ItG4rVAiJoM9YB27s/

lQmSvXAG0xt+JKspAG3aH/4B/oBWWTQnwZU542FtbZkS+qGneR59vcEhRVwolmr4ew5lSlblxiamDs+6oxZhMQyALhKgvTmLtv3yr0wiCYEvxgXnxaBCTPXRGN5D root@ip-172-31-22-124

paste on github

Pull command:

# studo su -

# cd assistedproject

# git ls-files

# git pull origin master

# ls

# git ls-files

# git log --oneline

# git ls-files

# ls

Fetch command:

# git status

# git branch

# git branch feature1

# git checkout feature1

# git branch

# git status

# touch feature1file featurefile2

# git add .

# git commit -m "done on feature1"

# git log --oneline

# git checkout master

# git log --oneline

# ls

# git merge feature1 master

# git branch -d fetaure1

# git log --oneline

# git reset --hard9569296

# git status

# git add .

# git commit -m "done"

Rebase Command:

# git branch

# git checkout -b feature1

# touch file-feature

# git add .

# git commit -m "done on feature"

# git checkout master

# touch file-master

# git add .

# git commit -m "done on master"

# git rebase master

# git log --oneline