Assignment 4
ChromeOS Linux

1. Create a Repository and do all the commands (git cone, git add, git commit, git push)

and

3. Create a new branch "Developer" and do all the commands.

Combination

→

Step 1

mkdir developer

Step 2

Touch nk.txt (creating text file)

Step 3

Adding text file to git repository


```
niranjankumbhar@penguin:~/developer$ git add nk.txt
niranjankumbhar@penguin:~/developer$
```

Step 5

Cloning repository into git repository


```
niranjankumbhar@penguin:~/developer$ git init
Reinitialized existing Git repository in /home/niranjankumbhar/developer/.git/
niranjankumbhar@penguin:~/developer$ git clone http://github.com/niranjankumbhar21/developer.git
Cloning into 'developer'...
warning: redirecting to https://github.com/niranjankumbhar21/developer.git/
warning: You appear to have cloned an empty repository.
niranjankumbhar@penguin:~/developer$
```

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Step 6

commit

```
niranjankumbhar@penguin:~/developer$ git commit -m "first"
[master (root-commit) b433286] first
 1 file changed, 1 insertion(+)
 create mode 100644 nk.txt
```

Step 7

checking git log for push and push

```
niranjankumbhar@penguin:~/developer$ git log
commit b43328657bb6e06d940bd6158d52ce763600d3cc (HEAD -> master)
Author: Niranjan Kumbhar <tunnelengieer123@gmail.com>
Date:   Mon Sep 18 16:50:18 2023 +0530

    first
niranjankumbhar@penguin:~/developer$ git push origin master
Username for 'https://github.com': niranjankumbhar21
Password for 'https://niranjankumbhar21@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 224 bytes | 56.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/niranjankumbhar21/developer.git
 * [new branch]      master -> master
niranjankumbhar@penguin:~/developer$
```
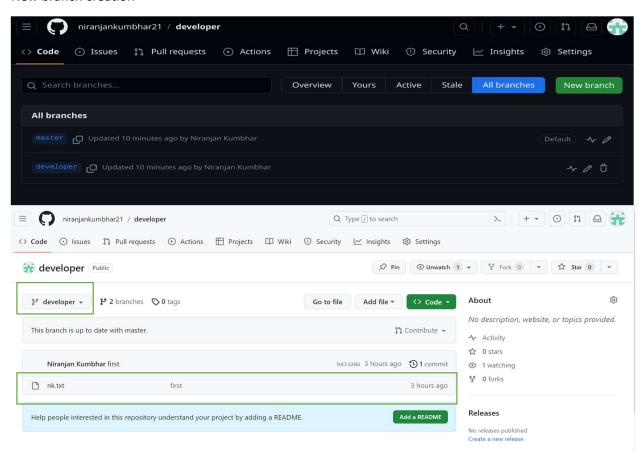
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Step 8

Get pull


```
niranjankumbhar@penguin:~/ceitgit/demo4$ git pull origin master
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
warning: redirecting to https://github.com/niranjankumbhar21/demo4.git/
From http://github.com/niranjankumbhar21/demo4
 * branch            master     -> FETCH_HEAD
Already up to date.
```

Step 9

New branch creation

2.Diffrence between pull and push command

```
niranjankumbhar@penguin:~/ceitgit/demo4$ git push origin master
Username for 'https://github.com': niranjankumbhar21
Password for 'https://niranjankumbhar21@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#cloning-with-htt
ps-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/niranjankumbhar21/demo4.git/'
niranjankumbhar@penguin:~/ceitgit/demo4$ git push origin master
Username for 'https://github.com': niranjankumbhar21
Password for 'https://niranjankumbhar21@github.com':
warning: redirecting to https://github.com/niranjankumbhar21/demo4.git/
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 319 bytes | 31.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To http://github.com/niranjankumbhar21/demo4.git
 * [new branch]      master -> master
niranjankumbhar@penguin:~/ceitgit/demo4$
```

```
niranjankumbhar@penguin:~/ceitgit/demo4$ git pull origin master
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
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hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
warning: redirecting to https://github.com/niranjankumbhar21/demo4.git/
From http://github.com/niranjankumbhar21/demo4
 * branch            master     -> FETCH_HEAD
Already up to date.
```