1.create a directory 'project\_dir & cd to 'project\_dir'

Welcome@DESKTOP-T6MK6R6 MINGW64 ~

$ mkdir project\_dir

mkdir: cannot create directory ‘project\_dir’: File exists

Welcome@DESKTOP-T6MK6R6 MINGW64 ~

$ cd project\_dir

2.initializegit version database

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir

$ git init

Initialized empty Git repository in C:/Users/Welcome/project\_dir/.git/

3,4. create a new file index.html & check git status

$ touch index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

index.html

nothing added to commit but untracked files present (use "git add" to track)

5.stage the index.html file.

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git add index.html

6.commit index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git commit -m 'commited index.html file'

[master (root-commit) a782226] commited index.html file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 index.html

7.make few changes in inddex.html and create new file info.txt

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ touch info.txt

8.check git status

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

(use "git add <file>..." to include in what will be committed)

info.txt

no changes added to commit (use "git add" and/or "git commit -a")

9,10.configure git to ignore text files git status

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ touch .gitignore

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

no changes added to commit (use "git add" and/or "git commit -a")

11.state & commit index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git add index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git commit -m 'commiting index.html with some change'

[master 583f783] commiting index.html with some change

1 file changed, 2 insertions(+)

12.log all your comments

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git log

commit 583f783b220f9b2f8ec1b92b769efc76e2082b53 (HEAD -> master)

Author: somsainath <vangaveetisai18111999@gmail.com>

Date: Thu Jul 29 15:22:38 2021 +0530

commiting index.html with some change

commit a7822261a0576491659f88204f55462a5a7d45e0

Author: somsainath <vangaveetisai18111999@gmail.com>

Date: Thu Jul 29 15:12:26 2021 +0530

commited index.html file

13,14.make some changes in index.html and revert changes

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git restore index.html

15,16.again change index.html, stage it, revert back to last stage

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git restore –staged index.html

18.Rename add command to 'my-add'

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git config --global alias.my-add add

19.using my-add stage index.html and commit

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git my-add index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git commit -m "last commit in stage 0"

[master 9bd6f9e] last commit in stage 0

1 file changed, 4 insertions(+), 1 deletion(-)

20.Rvert the last command

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master|REVERTING)

$ git reset HEAD~1

Unstaged changes after reset:

M index.html

Welcome@DESKTOP-T6MK6R6 MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

no changes added to commit (use "git add" and/or "git commit -a")