## Assignment 1

$ git --version

git version 2.32.0.windows.1

DELL@DBMS-10 MINGW64 ~/MYWEBPAGE ~

$ mkdir mywebpage

DELL@DBMS-10 MINGW64 ~/MYWEBPAGE ~

$ cd mywebpage

DELL@DBMS-10 MINGW64 ~/MYWEBPAGE ~/mywebpage

$ git init

Initialized empty Git repository in C:/Users/DELL@DBMS-10 /mywebpage/.git/

$ ls -a

./ ../ .git/

$ git config --global user.email [kamalagrahari2003@gmail.com](mailto:kamalagrahari2003@gmail.com)

$ git config --global user.name Kamal

$ git config --global core.editor gedit

$ git config --list

user.email = [kamalagrahari2003@gmail.com](mailto:kamalagrahari2003@gmail.com)

user.name=Kamal

core.editor=gedit

$ nano abc.txt &

$ git add abc.txt

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: abc.txt

Go to the file add few lines and close the file and switch back to terminal

$ git status

On branch master

No commits yet

(use "git rm --cached <file>..." to unstage)

new file: abc.txt

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

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

modified: abc.txt

.

$git add abc.txt

$ git status

On branch master

No commits yet

(use "git rm --cached <file>..." to unstage)

new file: abc.txt

$git commit

[master (root-commit) 37640c4] Initil Commit

1 file changed, 2 insertions(+)

create mode 100644 abc.txt

$ git log

commit 37640c44da28347658605b315e5c91100ecf9ad0 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Tue Jul 22 01:26:54 2024 +0530

Initil Commit

Assignment 2

$ nano myschool.text mycollege.text

$ ls -a

./ ../ .git/ mycollege.text myschool.text

$ git status

On branch master

No commits yet

Untracked files:

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

mycollege.text untracked files

myschool.text

$git add

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: mycollege.text file are added

to staged area

new file: myschool.text

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: mycollege.text

new file: myschool.text

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: mycollege.text

modified: myschool.text

$ git commit -a -m "added 2 files"

warning: LF will be replaced by CRLF in mycollege.text.

The file will have its original line endings in your working directory

warning: LF will be replaced by CRLF in myschool.text.

The file will have its original line endings in your working directory

[master (root-commit) ea8e1bd] added 2 files

2 files changed, 6 insertions(+)

create mode 100644 mycollege.text

create mode 100644 myschool.text

$ git log

commit ea8e1bd97737369303880b45de2479d9986d2b75 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

added 2 files

$ git rm --cached mycollege.text

rm 'mycollege.text'

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

deleted: mycollege.text

Untracked files:

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

mycollege.text

$rm mycollege.text

$ ls

myschool.text

$ git commit -am "Deleted file mycollege.text"

[master 5f42cee] Deleted file mycollege.text

1 file changed, 3 deletions(-)

delete mode 100644 mycollege.text

Check the status..

$ git log

commit 5f42ceea35f40e495949a83274b61f4815f1c69f (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 23 14:35:08 2024 +0530

Deleted file mycollege.text

commit ea8e1bd97737369303880b45de2479d9986d2b75

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

added 2 files

$ git checkout ea8e1 mycollege.text

Updated 1 path from 6cae774

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: mycollege.text

$ git commit -am "restore mycollege.text"

[master 2a51697] restore mycollege.text

1 file changed, 3 insertions(+)

create mode 100644 mycollege.text

$ ls

mycollege.text myschool.text

$ 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: mycollege.text

modified: myschool.text

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

$ git checkout .

Updated 2 paths from the index

$ git status

On branch master

nothing to commit, working tree clean

$ git log

commit 2a51697da1a38d67a653f4a64401a173a7f40a37 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 23 14:35:08 2024 +0530

restore mycollege.text

commit 5f42ceea35f40e495949a83274b61f4815f1c69f

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 23 14:35:08 2024 +0530

Deleted file mycollege.text

commit ea8e1bd97737369303880b45de2479d9986d2b75

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 23 14:35:08 2024 +0530

added 2 files

$ git log --oneline

2a51697 (HEAD -> master) restore mycollege.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout 5f42cee

Note: switching to '5f42cee'.

$ ls

myschool.text

$ git log

commit 5f42ceea35f40e495949a83274b61f4815f1c69f (HEAD)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jun 30 14:35:08 2021 +0530

Deleted file mycollege.text

commit ea8e1bd97737369303880b45de2479d9986d2b75

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

added 2 files

$ git checkout master

Previous HEAD position was 5f42cee Deleted file mycollege.text

Switched to branch 'master'

$ git log --oneline

2a51697 (HEAD -> master) restore mycollege.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git reset --hard 5f42cee

HEAD is now at 5f42cee Deleted file mycollege.text

$ git log

commit 5f42ceea35f40e495949a83274b61f4815f1c69f (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

Deleted file mycollege.text

commit ea8e1bd97737369303880b45de2479d9986d2b75

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

added 2 files

$ git checkout master

Already on 'master'

Assignment 3

$ nano myhistory.text

$ git add myhistory.text

warning: LF will be replaced by CRLF in myhistory.text.

The file will have its original line endings in your working directory

$ git commit -m "Adding myhistory.text"

[master ff0240a] Adding myhistory.text

1 file changed, 1 insertion(+)

create mode 100644 myhistory.text

$git log

commit ff0240a3888cf9b07df43beb0640f3b4fb0d0801 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:52 2024 +0530

Adding myhistory.text

commit 5f42ceea35f40e495949a83274b61f4815f1c69f

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:39:56 2024 +0530

Deleted file mycollege.text

commit ea8e1bd97737369303880b45de2479d9986d2b75

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:40:52 2024 +0530

added 2 files

$ nano myshool.text myhistory.text

$ 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: myhistory.text

modified: myschool.text

Untracked files:

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

mycollege.text

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

$ git diff

warning: LF will be replaced by CRLF in myhistory.text.

The file will have its original line endings in your working directory

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$git config --global color.ui true

$git config --global color.ui false

$ git diff myhistory.text

warning: LF will be replaced by CRLF in myhistory.text.

The file will have its original line endings in your working directory

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

$ git add myhistory.text

warning: LF will be replaced by CRLF in myhistory.text.

The file will have its original line endings in your working directory

$ git diff

$git diff –staged

$ git diff --staged

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

git diff --cached

$ git log --oneline

ff0240a (HEAD -> master) Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git diff ea8e1bd

**diff --git a/mycollege.text b/mycollege.text**

**deleted file mode 100644**

**index 2d55293..0000000**

**--- a/mycollege.text**

**+++ /dev/null**

@@ -1,3 +0,0 @@

-this is My college file.

- My school name is KSK.

-I m new in this file

**diff --git a/myhistory.text b/myhistory.text**

**new file mode 100644**

**index 0000000..f82df08**

**--- /dev/null**

**+++ b/myhistory.text**

@@ -0,0 +1 @@

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$ git commit -m "added colors"

[master 45f094b] added colors

2 files changed, 2 insertions(+), 1 deletion(-)

$ git log --oneline

45f094b (HEAD -> master) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git diff ea8e1bd 45f094b

**diff --git a/mycollege.text b/mycollege.text**

**deleted file mode 100644**

**index 2d55293..0000000**

**--- a/mycollege.text**

**+++ /dev/null**

@@ -1,3 +0,0 @@

-this is My college file.

- My school name is KSK.

-I m new in this file

**diff --git a/myhistory.text b/myhistory.text**

**new file mode 100644**

**index 0000000..f82df08**

**--- /dev/null**

**+++ b/myhistory.text**

@@ -0,0 +1 @@

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$ git diff HEAD HEAD~

**diff --git a/myhistory.text b/myhistory.text**

**index f82df08..82e724b 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.I am good in nature.

+This is my history file contains all my details.

**diff --git a/myschool.text b/myschool.text**

**index 7d50a47..a5d84b9 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,4 +1,3 @@

Hi this is new school file

PVPIT

i m old to this file.

-i m college going guy.

$git show

commit 45f094bd9e798926e46a601d13bbe46ce9f77115 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:45:22 2024 +0530

added colors

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$ git log --oneline

45f094b (HEAD -> master) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$git show ea8e1bd

$ git blame myhistory.text

45f094bd (pravin 2021-07-01 11:57:40 +0530 1) This is my history file contains all my details.I am good in nature.

Assignment 4

$ git reflog

45f094b (HEAD -> master) HEAD@{0}: commit: added colors

ff0240a HEAD@{1}: commit: Adding myhistory.text

5f42cee HEAD@{2}: checkout: moving from master to master

5f42cee HEAD@{3}: reset: moving to 5f42cee

2a51697 HEAD@{4}: checkout: moving from 5f42ceea35f40e495949a83274b61f4815f1c69f to master

5f42cee HEAD@{5}: checkout: moving from master to 5f42cee

2a51697 HEAD@{6}: commit: restore mycollege.text

5f42cee HEAD@{7}: commit: Deleted file mycollege.text

ea8e1bd HEAD@{8}: commit (initial): added 2 files

$ git diff HEAD HEAD~

**diff --git a/myhistory.text b/myhistory.text**

**index f82df08..82e724b 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.I am good in nature.

+This is my history file contains all my details.

**diff --git a/myschool.text b/myschool.text**

**index 7d50a47..a5d84b9 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,4 +1,3 @@

Hi this is new school file

PVPIT

i m old to this file.

-i m college going guy.

**$git log –oneline**

45f094b (HEAD -> master) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$git show HEAD

commit 45f094bd9e798926e46a601d13bbe46ce9f77115 (HEAD -> master)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:49:54 2024 +0530

added colors

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$ git log --oneline

45f094b (HEAD -> master) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git tag v1.1

$ nano myhistory.text

$ git commit -am "added content in myhistory.text"

warning: LF will be replaced by CRLF in myhistory.text.

The file will have its original line endings in your working directory

[master 2117c75] added content in myhistory.text

1 file changed, 1 insertion(+)

$ git tag -a v2.2 -m "my version 2.2"

$ git tag

v1.1

v2.2

commit 45f094bd9e798926e46a601d13bbe46ce9f77115 (tag: v1.1)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:50:52 2024 +0530

added colors

**diff --git a/myhistory.text b/myhistory.text**

**index 82e724b..f82df08 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1 @@

-This is my history file contains all my details.

+This is my history file contains all my details.I am good in nature.

**diff --git a/myschool.text b/myschool.text**

**index a5d84b9..7d50a47 100644**

**--- a/myschool.text**

**+++ b/myschool.text**

@@ -1,3 +1,4 @@

Hi this is new school file

PVPIT

i m old to this file.

+i m college going guy.

$ git show v2.2 show used to display tag content tag v2.2

Tagger: Kamal<kamalagrahari2003@gmail.com >

Date: Wed Jul 24 01:51:52 2024 +0530

my version 2.2

commit 2117c75bf78011cac6c10fde284a71e603e787bf (HEAD -> master, tag: v2.2)

Author: Kamal <kamalagrahari2003@gmail.com>

Date: Wed Jul 24 01:52:26 2024 +0530

added content in myhistory.text

**diff --git a/myhistory.text b/myhistory.text**

**index f82df08..910fe47 100644**

**--- a/myhistory.text**

**+++ b/myhistory.text**

@@ -1 +1,2 @@

This is my history file contains all my details.I am good in nature.

+This is my peivate information.

$ git tag v1.2 -a ff0240a -m "my version 1.2"

$ git tag

v1.1

v1.2

v2.2

$ git log --oneline --decorate

2117c75 (HEAD -> master, tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a (tag: v1.2) Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

git tag -d v1.2

Deleted tag 'v1.2' (was 22347cc)

$ git tag

v1.1

v2.2

$ git log --oneline

2117c75 (HEAD -> master, tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git branch

\* master

$ git branch new-chapter

$ git branch

\* master

new-chapter

$ git checkout new-chapter

Switched to branch 'new-chapter'

$nano story.text

$ git add story.text

warning: LF will be replaced by CRLF in story.text.

The file will have its original line endings in your working directory

$ git commit -m "adding story.text file in new-chapter branch"

[new-chapter aae88b6] adding story.text file in new-chapter branch

1 file changed, 1 insertion(+)

create mode 100644 story.text

$ git log --oneline

aae88b6 (HEAD -> new-chapter) adding story.text file in new-chapter branch

2117c75 (tag: v2.2, master) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout master

Switched to branch 'master'

$ git log --oneline

2117c75 (HEAD -> master, tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ ls -a

./ ../ .git/ mycollege.text myhistory.text myschool.text

$ nano story.text

$ git status

On branch new-chapter

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: myhistory.text

modified: story.text

Untracked files:

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

mycollege.text

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

$ git checkout master

error: Your local changes to the following files would be overwritten by checkout:

story.text

$ git checkout --force master

Switched to branch 'master'

$ git checkout new-chapter

Switched to branch 'new-chapter'

$ nano story.text

Assignment 4:

$ git branch chapter-two

$ git checkout chapter-two

Switched to branch 'chapter-two'

$ nano newfile.text

$ git status

On branch chapter-two

Untracked files:

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

mycollege.text

newfile.text

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

$ git add newfile.text

warning: LF will be replaced by CRLF in newfile.text.

The file will have its original line endings in your working directory

$ git commit -m "Newfile.text added in chapter-two branch"

[chapter-two 2df7f88] Newfile.text added in chapter-two branch

1 file changed, 1 insertion(+)

create mode 100644 newfile.text

Switch back to master branch

$ git checkout master

Switched to branch 'master'

$ git log –oneline

2117c75 (HEAD -> master, tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git branch

chapter-two

\* master

new-chapter

$ git log --oneline

2117c75 (HEAD -> master, tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout new-chapter Switched to branch 'new-chapter'

$ git log --oneline

aae88b6 (HEAD -> new-chapter) adding story.text file in new-chapter branch

2117c75 (tag: v2.2, master) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout master

Switched to branch 'master'

$ git merge new-chapter

Updating 2117c75..aae88b6

Fast-forward

story.text | 1 +

1 file changed, 1 insertion(+)

create mode 100644 story.text

$ git log --oneline

aae88b6 (HEAD -> master, new-chapter) adding story.text file in new-chapter branch

2117c75 (tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git merge master

Already up to date.

$ git checkout master

Switched to branch 'master'

$ git branch -d new-chapter

Deleted branch new-chapter (was 2117c75).

$ git branch

chapter-two

\* master

Assignment 5

$ git checkout chapter-two

Switched to branch 'chapter-two'

$ git log --oneline

2df7f88 (HEAD -> chapter-two) Newfile.text added in chapter-two branch

2117c75 (tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git merge master

Merge made by the 'recursive' strategy.

story.text | 1 +

1 file changed, 1 insertion(+)

create mode 100644 story.text

$ git log --oneline

51996f1 (HEAD -> chapter-two) Merge branch

'master' into chapter-two

2df7f88 Newfile.text added in chapter-two

branch

aae88b6 (master) adding story.text file in new-

chapter branch

2117c75 (tag: v2.2) added content in

myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout chapter-two

Switched to branch 'chapter-two'

$ git reset --hard HEAD~

HEAD is now at 2df7f88 Newfile.text added in

chapter-two branch

$ git log --oneline

2df7f88 (HEAD -> chapter-two) Newfile.text added in chapter-two branch

2117c75 (tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git checkout master

Switched to branch 'master'

$ git log --oneline

aae88b6 (HEAD -> master) adding story.text file in new-chapter branch

2117c75 (tag: v2.2) added content in

myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git merge chapter-two

Merge made by the 'recursive' strategy.

newfile.text | 1 +

1 file changed, 1 insertion(+)

create mode 100644 newfile.text

$ git log --oneline

dba692d (HEAD -> master) Merge branch 'chapter-two' into master branch.

2df7f88 (chapter-two) Newfile.text added in chapter-two branch

aae88b6 adding story.text file in new-chapter branch

2117c75 (tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

Note: chapter-two branch successfully merged into master and u can see newfile.text adding commit in log

$ git merge chapter-two

Already up to date.

i)$ git branch -d chapter-two

ii) $ git branch \* master

$ git branch chapter-three

$ git branch

chapter-three

\* master

$ git checkout chapter-three

Switched to branch 'chapter-three'

$ nano latestfile.text create new file do changes

$ git add latestfile.text

warning: LF will be replaced by CRLF in

latestfile.text.

The file will have its original line endings in

your working directory

$ git commit -am "latestfile.text added in

chapter-three branch"

[chapter-three 86650d8] latestfile.text added in

chapter-three branch

1 file changed, 1 insertion(+)

create mode 100644 latestfile.text

$ git log --oneline

86650d8 (HEAD -> chapter-three) latestfile.text

added in chapter-three branch

dba692d (master) Merge branch 'chapter-two'

into master branch.

2df7f88 Newfile.text added in chapter-two

branch

aae88b6 adding story.text file in new-chapter

branch

2117c75 (tag: v2.2) added content in

myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ ls

atestfile.text myhistory.text newfile.text

mycollege.text myschool.text story.text

$ nano latestfile.text

$ git status

On branch chapter-three

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: latestfile.text

Untracked files:

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

mycollege.text

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

$ git checkout master

error: Your local changes to the following files would be overwritten by checkout:

latestfile.text

$git checkout –force master

$ git stash save "stashed latestfile.text"

warning: LF will be replaced by CRLF in latestfile.text.

The file will have its original line endings in your working directory

Saved working directory and index state On chapter-three: stashed latestfile.text

$ git status

On branch chapter-three

Untracked files:

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

mycollege.text

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

output shows nothing to commit so now u can switch the branch

$ git checkout master

Switched to branch 'master'

$ git checkout chapter-three

Switched to branch 'chapter-three'

$nano story.text

$ git stash

Saved working directory and index state WIP on chapter-three: 86650d8 latestfile.text added in chapter-three branch

$ git log --oneline

86650d8 (HEAD -> chapter-three) latestfile.text added in chapter-three branch

dba692d (master) Merge branch 'chapter-two' into master branch.

2df7f88 Newfile.text added in chapter-two branch

aae88b6 adding story.text file in new-chapter branch

2117c75 (tag: v2.2) added content in myhistory.text

45f094b (tag: v1.1) added colors

ff0240a Adding myhistory.text

5f42cee Deleted file mycollege.text

ea8e1bd added 2 files

$ git stash list

stash@{0}: WIP on chapter-three: 86650d8 latestfile.text added in chapter-three branch

stash@{1}: On chapter-three: stashed latestfile.text

$nano myhistory.text

$ git stash save "stashed myhistory.text"

Saved working directory and index state On chapter-three: stashed myhistory.text

$git stash list

stash@{0}: On chapter-three: stashed myhistory.text

stash@{1}: WIP on chapter-three: 86650d8 latestfile.text added in chapter-three branch

stash@{2}: On chapter-three: stashed latestfile.text

$ git diff stash@{0}

diff --git a/myhistory.text b/myhistory.text

index 4454f7f..910fe47 100644

--- a/myhistory.text

+++ b/myhistory.text

@@ -1,3 +1,2 @@

This is my history file contains all my details.I am good in nature.

This is my peivate information.

-just changes done by me

$ git stash apply stash@{0}

On branch chapter-three

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: myhistory.text

Untracked files:

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

mycollege.text

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

$ git stash list

stash@{0}: On chapter-three: stashed myhistory.text

stash@{1}: WIP on chapter-three: 86650d8 latestfile.text added in chapter-three branch

stash@{2}: On chapter-three: stashed latestfile.text

$ git stash drop stash@{0}

Dropped stash@{0} (831a90c43088507f78fc06c079624e05b2162b68)

$ git stash list

stash@{0}: WIP on chapter-three: 86650d8 latestfile.text added in chapter-three branch

stash@{1}: On chapter-three: stashed latestfile.text

$ git stash pop

On branch chapter-three

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: myhistory.text

modified: story.text

Untracked files:

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

mycollege.text

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

Dropped refs/stash@{0} (26c922d69967ec92277e2efdba9ebe7426f79f5f)

$ git stash clear

$ git stash list

Assignment 6

$ nano latestfile.text

$ git checkout master

error: Your local changes to the following files would be overwritten by checkout:

latestfile.text

Aborting

$ nano myhistory.text

$ git stash save "stashed myhistory.text"

Saved working directory and index state On chapter-

three: stashed myhistory.text

$ nano story.text

$ git stash save "stashed story.text"

Saved working directory and index state On master: stashed story.text.

$git stash show

myhistory.text | 1 +

1 file changed, 1 insertion(+)

$git stash show stash@{1}

myhistory.text | 1 +

newfile.text | 1 +

story.text | 2 ++

3 files changed, 4 insertions(+)

Note $git stash show stash@{1} used to display all the stash list

$git clone *<REMOTE\_URL>*

1. In the Command prompt, [add the URL for the remote repository](https://docs.github.com/en/github/getting-started-with-github/managing-remote-repositories) where your local repository will be pushed.
2. $ git remote add origin  *<REMOTE\_URL>*
3. # Sets the new remote
4. $ git remote -v

# Verifies the new remote URL

1. [Push the changes](https://docs.github.com/en/github/getting-started-with-github/pushing-commits-to-a-remote-repository) in your local repository to GitHub.
2. $ git push origin main

# Pushes the changes in your local repository up to the remote repository you specify

ghp\_noqAwRPvWdI9Ndj8QPSJ8ALT4hYya142T0Ye

$ git push new master

To https://github.com/28121987/Internetpubliccopy.git

! [rejected] master -> master (non-fast-forward)

error: failed to push some refs to 'https://github.com/28121987/Internetpubliccopy.git'

hint: Updates were rejected because the tip of your current branch is behind

hint: its remote counterpart. Integrate the remote changes (e.g.

hint: 'git pull ...') before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

$git push new master –force

$ git push new master --force

fatal: Authentication failed for 'https://github.com/28121987/Internetpubliccopy.git/'