**SWE 525 Git Version Control Assignment 1 Murali Krishna Gogula(90584)**

A. Answer following questions briefly:

1. **List out the key difference between a centralized version control system and distributed version control system**

In a **Centralized Version Control System** there will be one Central copy or Repository of the project to which all the programmers involved submit their changes and commit to it. Other programmers can also pull the changes made and submit their own changes to the central copy. It will automatically update all the changes made.

In **Distributed Version Control system** there is no need to rely on a single central server instead that central server can be cloned and copies are made of the repository and each developer will be able to submit the changes to their own respective clones of that central repository. The metadata of the original will be stored in each clone made. We can perform pull and push operations in this VCS. Committing new change sets can be done locally without anyone else seeing them.

1. **List down any two centralized version control system and 2 distributed version control system**

**Examples** for Centralized version control systems: CVS, Subversion and Perforce.

**Examples** for Distributed Version Control System: Mercurial, Git and Bazaar.

1. **What are the advantages of git VCS over other VCS?**

Git has an advantage of cloning the central repository into several repositories. New changes can be committed locally without anyone else seeing them. All the change sets can be sent in a group using push command.

Each programmer can share changes made to the repository by collaborating with other users to get their opinion before sharing with others.

1. **What are the different states of a file in the Git VCS**?

There are three different states of a file in Git they are

* Working directory
* Staging area
* Git directory (repository)

Files are pushed from the working directory to the staging area where changes are made and committed and then pushed to the git directory. If the developers want to view the changes they can pull the file and view them and the process goes on.

**B. GIT REMOTE REPOSITORIES:** Perform following tasks and explain how you performed each operation. Draw a flow diagram as you progress through the steps. Add all git commands you used and push the repository in your github. Add your github public repository (for these following tasks) link with the homework.

1. Clone an existing repository on Github created during course and configure your local repo to point to the remote repository
2. Perform some operation like add, remove, modify and finally push your changes to the remote repository
3. Pull the latest changes from the repository to get the updates from others in to your local repo and merge the changes
4. Try fetching the changes and perform the merge to get the difference between the pull and the merge command
5. Perform some changes and before committing the changes, stash your changes and then pull the changes and finally apply the changes to understand how stashing works
6. Create a feature branch and do some file operations in the branch and commit the changes to the branch
7. Merge the changes using the rebase command and finally perform a safe deletion of the feature branch
8. Create another feature branch and this time after committing the changes to the feature branch, merge the changes using fast forward merge and then delete the feature branch

**Sol)** Same as midterm 2nd Question.

muralikrishna@Shrita MINGW64 ~ (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/.git/

muralikrishna@Shrita MINGW64 ~ (master)

$ git clone https://github.com/muralicloud/Midterm.git

Cloning into 'Midterm'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~ (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/.git/

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

3D Objects/ index.html NOTICE README.md

AppData/ IntelGraphicsProfiles/ nrepo/ Recent@

Application Data@ ITU-/ NTUSER.DAT RELEASE-NOTES

bin/ ituday2/ ntuser.dat.LOG1 RemoteSystemsTempFiles/

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first.js/ myrepo/ protek/ workspace/

git/ NetHood@ Protek1/

gitday2/ newproject/ protek1.html

muralikrishna@Shrita MINGW64 ~ (master)

$ cd Midterm

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ vi midterm.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git add \*

warning: LF will be replaced by CRLF in midterm.html.

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

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git commit -m "first comit"

[master 4eb3759] first comit

warning: LF will be replaced by CRLF in midterm.html.

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

1 file changed, 1 insertion(+)

create mode 100644 midterm.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git pull

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 289 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/Midterm.git

1399940..4eb3759 master -> master

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git pull

remote: Counting objects: 3, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

From https://github.com/muralicloud/Midterm

4eb3759..8ea87e8 master -> origin/master

Updating 4eb3759..8ea87e8

Fast-forward

midterm.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 midterm.txt

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html midterm.txt README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ vi midterm.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git add \*

warning: LF will be replaced by CRLF in midterm.html.

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

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git commit -m "updated"

[master warning: LF will be replaced by CRLF in midterm.html.

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

7e4363d] updated

warning: LF will be replaced by CRLF in midterm.html.

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

1 file changed, 1 insertion(+), 1 deletion(-)

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git diff

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git diff midterm.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 353 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/Midterm.git

8ea87e8..7e4363d master -> master

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ vi midterm.txt

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git diff

**diff --git a/midterm.txt b/midterm.txt**

**index 567f291..fa079bf 100644**

**--- a/midterm.txt**

**+++ b/midterm.txt**

@@ -1 +1,2 @@

+hello git

New file created in my git hub repo to pull in to terminal.

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git add \*

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git commit -m "updated"

[master 09c02e9] updated

1 file changed, 1 insertion(+)

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 311 bytes | 0 bytes/s, done.

Total 3 (delta 1), reused 0 (delta 0)

To https://github.com/muralicloud/Midterm.git

7e4363d..09c02e9 master -> master

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git pull

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html midterm.txt README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git rm midterm.txt

rm 'midterm.txt'

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git commit -m "fgjg"

[master fcbdef1] fgjg

1 file changed, 2 deletions(-)

delete mode 100644 midterm.txt

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

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to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 2, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (2/2), 214 bytes | 0 bytes/s, done.

Total 2 (delta 1), reused 0 (delta 0)

To https://github.com/muralicloud/Midterm.git

09c02e9..fcbdef1 master -> master

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git pull

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

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gitday2/ newproject/ protek1.html

muralikrishna@Shrita MINGW64 ~ (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/.git/

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

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gitday2/ newproject/ protek1.html

muralikrishna@Shrita MINGW64 ~ (master)

$ git clone https://github.com/muralicloud/Others.git

Cloning into 'Others'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

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gitday2/ newproject/ Protek1/

muralikrishna@Shrita MINGW64 ~ (master)

$ cd Others

muralikrishna@Shrita MINGW64 ~/Others (master)

$ vi test.html

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git add \*

warning: LF will be replaced by CRLF in test.html.

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

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git commit -m "new file"

[master 8499232] new file

warning: LF will be replaced by CRLF in test.html.

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

1 file changed, 1 insertion(+)

create mode 100644 test.html

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 288 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/Others.git

e7c2a27..8499232 master -> master

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Others (master)

$ git pull

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/Others (master)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

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muralikrishna@Shrita MINGW64 ~ (master)

$ cd Midterm

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html README.md

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git merge Others

merge: Others - not something we can merge

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git merge "Others"

merge: Others - not something we can merge

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/Midterm/.git/

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git pull https://github.com/muralicloud/Others.git

warning: no common commits

remote: Counting objects: 6, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0

Unpacking objects: 100% (6/6), done.

From https://github.com/muralicloud/Others

\* branch HEAD -> FETCH\_HEAD

Auto-merging README.md

CONFLICT (add/add): Merge conflict in README.md

Automatic merge failed; fix conflicts and then commit the result.

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ ls

midterm.html README.md test.html

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git fetch

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ ls

midterm.html README.md test.html

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git diff

**diff --cc README.md**

**index fe8790d,7d789cc..0000000**

**--- a/README.md**

**+++ b/README.md**

@@@ -1,2 -1,1 +1,6 @@@

-# Others

++<<<<<<< HEAD

+# Midterm

+For Exam Purpose

++=======

++# Others

++>>>>>>> 8499232a4d03c045de4272f18391c6e37e610431

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git fetch origin

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ vi newone.txt

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git add \*

warning: LF will be replaced by CRLF in newone.txt.

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

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

All conflicts fixed but you are still merging.

(use "git commit" to conclude merge)

Changes to be committed:

modified: README.md

new file: newone.txt

new file: test.html

muralikrishna@Shrita MINGW64 ~/Midterm (master|MERGING)

$ git stash save "newone.txt"

Saved working directory and index state On master: newone.txt

HEAD is now at fcbdef1 fgjg

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash

No local changes to save

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash list

stash@{0}: On master: newone.txt

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash pop

On branch master

Your branch is up-to-date with 'origin/master'.

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: newone.txt

new file: test.html

Changes not staged for commit:

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

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

modified: README.md

Dropped refs/stash@{0} (377acf31823148340a5b1ee26fc1dae37e55be07)

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash drop stash

fatal: ambiguous argument 'stash': unknown revision or path not in the working tree.

Use '--' to separate paths from revisions, like this:

'git <command> [<revision>...] -- [<file>...]'

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash show stash

fatal: ambiguous argument 'stash': unknown revision or path not in the working tree.

Use '--' to separate paths from revisions, like this:

'git <command> [<revision>...] -- [<file>...]'

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash drop stash@{2}

fatal: ambiguous argument 'stash@{2}': unknown revision or path not in the working tree.

Use '--' to separate paths from revisions, like this:

'git <command> [<revision>...] -- [<file>...]'

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git commit -m "after stash"

[master d5616f6] after stash

2 files changed, 2 insertions(+)

create mode 100644 newone.txt

create mode 100644 test.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ ls

midterm.html newone.txt README.md test.html

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git stash list

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 4, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (4/4), 382 bytes | 0 bytes/s, done.

Total 4 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/Midterm.git

fcbdef1..d5616f6 master -> master

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/Midterm/.git/

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git branch -b midterm

error: unknown switch `b'

usage: git branch [<options>] [-r | -a] [--merged | --no-merged]

or: git branch [<options>] [-l] [-f] <branch-name> [<start-point>]

or: git branch [<options>] [-r] (-d | -D) <branch-name>...

or: git branch [<options>] (-m | -M) [<old-branch>] <new-branch>

or: git branch [<options>] [-r | -a] [--points-at]

Generic options

-v, --verbose show hash and subject, give twice for upstream branch

-q, --quiet suppress informational messages

-t, --track set up tracking mode (see git-pull(1))

--set-upstream change upstream info

-u, --set-upstream-to <upstream>

change the upstream info

--unset-upstream Unset the upstream info

--color[=<when>] use colored output

-r, --remotes act on remote-tracking branches

--contains <commit> print only branches that contain the commit

--abbrev[=<n>] use <n> digits to display SHA-1s

Specific git-branch actions:

-a, --all list both remote-tracking and local branches

-d, --delete delete fully merged branch

-D delete branch (even if not merged)

-m, --move move/rename a branch and its reflog

-M move/rename a branch, even if target exists

--list list branch names

-l, --create-reflog create the branch's reflog

--edit-description edit the description for the branch

-f, --force force creation, move/rename, deletion

--merged <commit> print only branches that are merged

--no-merged <commit> print only branches that are not merged

--column[=<style>] list branches in columns

--sort <key> field name to sort on

--points-at <object> print only branches of the object

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git branch midterm

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git checkout branch -b midterm

fatal: Cannot update paths and switch to branch 'midterm' at the same time.

Did you intend to checkout 'branch' which can not be resolved as commit?

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git checkout -b midterm

fatal: A branch named 'midterm' already exists.

muralikrishna@Shrita MINGW64 ~/Midterm (master)

$ git checkout -b exam

M README.md

Switched to a new branch 'exam'

muralikrishna@Shrita MINGW64 ~/Midterm (exam)

$ ls

midterm.html newone.txt README.md test.html

muralikrishna@Shrita MINGW64 ~/Midterm (exam)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (master)

$ ls

3D Objects/ index.html NOTICE protek1.html

AppData/ IntelGraphicsProfiles/ nrepo/ README.md

Application Data@ ITU-/ NTUSER.DAT Recent@

bin/ ituday2/ ntuser.dat.LOG1 RELEASE-NOTES

BullseyeCoverageError.txt kuldip/ ntuser.dat.LOG2 RemoteSystemsTempFiles/

class1/ lib/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms RUNNING.txt

cloud3 libgit2/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saiteja/

Cloud4/ LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

cloudrep/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

conf/ Local Settings@ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Contacts/ logs/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Cookies@ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

Creative Cloud Files/ Midterm/ ntuser.ini Start Menu@

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fdfd my\_project/ practise.html VirtualBox VMs/

file1.txt mycode/ PrintHood@ webapps/

first.js/ myrepo/ project/ work/

git/ NetHood@ protek/ workspace/

gitday2/ newproject/ Protek1/

muralikrishna@Shrita MINGW64 ~ (master)

$ git branch

checkout

chekout

masster

\* master

murali

newone

muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout -b midterm

M murali/gogula

D saai.html

Switched to a new branch 'midterm'

muralikrishna@Shrita MINGW64 ~ (midterm)

$ ls

3D Objects/ index.html NOTICE protek1.html

AppData/ IntelGraphicsProfiles/ nrepo/ README.md

Application Data@ ITU-/ NTUSER.DAT Recent@

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Cloud4/ LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

cloudrep/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

conf/ Local Settings@ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Contacts/ logs/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Cookies@ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

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file1.txt mycode/ PrintHood@ webapps/

first.js/ myrepo/ project/ work/

git/ NetHood@ protek/ workspace/

gitday2/ newproject/ Protek1/

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git brranch

git: 'brranch' is not a git command. See 'git --help'.

Did you mean this?

branch

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git branch

checkout

chekout

masster

master

\* midterm

murali

newone

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/.git/

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git clone https://github.com/muralicloud/newdoc.txt.git

Cloning into 'newdoc.txt'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ l

bash: l: command not found

muralikrishna@Shrita MINGW64 ~ (midterm)

$ ls

3D Objects/ index.html newproject/ Protek1/

AppData/ IntelGraphicsProfiles/ NOTICE protek1.html

Application Data@ ITU-/ nrepo/ README.md

bin/ ituday2/ NTUSER.DAT Recent@

BullseyeCoverageError.txt kuldip/ ntuser.dat.LOG1 RELEASE-NOTES

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Cloud4/ LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saiteja/

cloudrep/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

conf/ Local Settings@ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

Contacts/ logs/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Cookies@ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Creative Cloud Files/ Midterm/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

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file1.txt mycode/ practise.html VirtualBox VMs/

first.js/ myrepo/ PrintHood@ webapps/

git/ NetHood@ project/ work/

gitday2/ newdoc.txt/ protek/ workspace/

muralikrishna@Shrita MINGW64 ~ (midterm)

$ cd newdoc.txt

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ vi newdocc.txt

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git add \*

warning: LF will be replaced by CRLF in newdocc.txt.

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

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git ommit -m "flfnl"

git: 'ommit' is not a git command. See 'git --help'.

Did you mean this?

commit

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git commit -m "flfnl"

[master e2c2ba4] flfnl

warning: LF will be replaced by CRLF in newdocc.txt.

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

1 file changed, 1 insertion(+)

create mode 100644 newdocc.txt

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

remote: Invalid username or password.

fatal: Authentication failed for 'https://github.com/muralicloud/newdoc.txt.git/'

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 285 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/newdoc.txt.git

60253f9..e2c2ba4 master -> master

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git init

Reinitialized existing Git repository in C:/Users/muralikrishna/newdoc.txt/.git/

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git clone https://github.com/muralicloud/newdoc.txt.git

Cloning into 'newdoc.txt'...

remote: Counting objects: 6, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0

Unpacking objects: 100% (6/6), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ vi new.html

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git add \*

warning: LF will be replaced by CRLF in new.html.

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

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git commit -m "dfdnd"

[master 0ebd232] dfdnd

warning: LF will be replaced by CRLF in new.html.

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

2 files changed, 2 insertions(+)

create mode 100644 new.html

create mode 160000 newdoc.txt

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 345 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/newdoc.txt.git

e2c2ba4..0ebd232 master -> master

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ ls

new.html newdoc.txt/ newdocc.txt README.md

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git branch midterm

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ git checkout -b midterm

fatal: A branch named 'midterm' already exists.

muralikrishna@Shrita MINGW64 ~/newdoc.txt (master)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git branch

checkout

chekout

masster

master

\* midterm

murali

newone

muralikrishna@Shrita MINGW64 ~ (midterm)

$ mkdir newrepo

muralikrishna@Shrita MINGW64 ~ (midterm)

$ cd newrepo

muralikrishna@Shrita MINGW64 ~/newrepo (midterm)

$ ls

muralikrishna@Shrita MINGW64 ~/newrepo (midterm)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (midterm)

$ ls

3D Objects/ IntelGraphicsProfiles/ NOTICE README.md

AppData/ ITU-/ nrepo/ Recent@

Application Data@ ituday2/ NTUSER.DAT RELEASE-NOTES

bin/ kuldip/ ntuser.dat.LOG1 RemoteSystemsTempFiles/

BullseyeCoverageError.txt lib/ ntuser.dat.LOG2 RUNNING.txt

class1/ libgit2/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms saiteja/

cloud3 LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saitejak/

Cloud4/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms sample.txt

cloudrep/ Local Settings@ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf Saved Games/

conf/ logs/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Searches/

Contacts/ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms SendTo@

Cookies@ Midterm/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms Start Menu@

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Desktop/ muralione/ OneDrive/ Templates@

Documents/ Music/ Others/ Tracing/

Downloads/ My Documents@ Pictures/ Videos/

Favorites/ my\_project/ practise/ VirtualBox VMs/

fdfd mycode/ practise.html webapps/

file1.txt myrepo/ PrintHood@ work/

first.js/ NetHood@ project/ workspace/

git/ newdoc.txt/ protek/

gitday2/ newproject/ Protek1/

index.html newrepo/ protek1.html

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git clone https://github.com/muralicloud/newrepo.git

Cloning into 'newrepo'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ cd newrepo

muralikrishna@Shrita MINGW64 ~/newrepo (master)

$ ls

README.md

muralikrishna@Shrita MINGW64 ~/newrepo (master)

$ vi first.txt

muralikrishna@Shrita MINGW64 ~/newrepo (master)

$ git add \*

warning: LF will be replaced by CRLF in first.txt.

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

muralikrishna@Shrita MINGW64 ~/newrepo (master)

$ git commit -m "jfkjsf"

[master 088b94b] jfkjsf

warning: LF will be replaced by CRLF in first.txt.

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

1 file changed, 1 insertion(+)

create mode 100644 first.txt

muralikrishna@Shrita MINGW64 ~/newrepo (master)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git clone https://github.com/muralicloud/newrepo.git

fatal: destination path 'newrepo' already exists and is not an empty directory.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git clone https://github.com/muralicloud/newrepo.git

fatal: destination path 'newrepo' already exists and is not an empty directory.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git clone https://github.com/muralicloud/repo.git

Cloning into 'repo'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ ls

3D Objects/ IntelGraphicsProfiles/ NOTICE README.md

AppData/ ITU-/ nrepo/ Recent@

Application Data@ ituday2/ NTUSER.DAT RELEASE-NOTES

bin/ kuldip/ ntuser.dat.LOG1 RemoteSystemsTempFiles/

BullseyeCoverageError.txt lib/ ntuser.dat.LOG2 repo/

class1/ libgit2/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms RUNNING.txt

cloud3 LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saiteja/

Cloud4/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

cloudrep/ Local Settings@ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

conf/ logs/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Contacts/ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Cookies@ Midterm/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

Creative Cloud Files/ murali/ ntuser.ini Start Menu@

Desktop/ muralione/ OneDrive/ temp/

Documents/ Music/ Others/ Templates@

Downloads/ My Documents@ Pictures/ Tracing/

Favorites/ my\_project/ practise/ Videos/

fdfd mycode/ practise.html VirtualBox VMs/

file1.txt myrepo/ PrintHood@ webapps/

first.js/ NetHood@ project/ work/

git/ newdoc.txt/ protek/ workspace/

gitday2/ newproject/ Protek1/

index.html newrepo/ protek1.html

muralikrishna@Shrita MINGW64 ~ (midterm)

$ cd repo

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git branch

\* master

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git create branch midterm

git: 'create' is not a git command. See 'git --help'.

Did you mean this?

reset

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git checkout -b midterm

Switched to a new branch 'midterm'

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ vi first.txt

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git add \*

warning: LF will be replaced by CRLF in first.txt.

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

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git commit -m "gngsnj"

[midterm 7208148] gngsnj

warning: LF will be replaced by CRLF in first.txt.

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

1 file changed, 1 insertion(+)

create mode 100644 first.txt

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

fatal: The current branch midterm has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin midterm

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git status

On branch midterm

nothing to commit, working directory clean

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ ls

first.txt README.md

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git push

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

fatal: The current branch midterm has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin midterm

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git push origin

warning: push.default is unset; its implicit value has changed in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the traditional behavior, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

When push.default is set to 'matching', git will push local branches

to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'

behavior, which only pushes the current branch to the corresponding

remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

fatal: The current branch midterm has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin midterm

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git push origin midterm

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 283 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/muralicloud/repo.git

a70b298..7208148 midterm -> midterm

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git pull

There is no tracking information for the current branch.

Please specify which branch you want to merge with.

See git-pull(1) for details.

git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

git branch --set-upstream-to=origin/<branch> midterm

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git pull origin midterm

From https://github.com/muralicloud/repo

\* branch midterm -> FETCH\_HEAD

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git checkout midterm

Already on 'midterm'

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git rebase master

Current branch midterm is up to date.

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git checkout master

Switched to branch 'master'

Your branch is up-to-date with 'origin/master'.

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git rebase midterm

First, rewinding head to replay your work on top of it...

Fast-forwarded master to midterm.

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git checkout midterm

Switched to branch 'midterm'

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git merge midterm

Already up-to-date.

muralikrishna@Shrita MINGW64 ~/repo (master)

$ ls

first.txt README.md

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git checkout midterm

Switched to branch 'midterm'

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ ls

first.txt README.md

muralikrishna@Shrita MINGW64 ~/repo (midterm)

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

muralikrishna@Shrita MINGW64 ~/repo (master)

$ ls

first.txt README.md

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git branch --merged

\* master

midterm

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git midterm --merged

git: 'midterm' is not a git command. See 'git --help'.

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git log

commit 72081489bb9f03f84b7b0735d2ede68920951e4d

Author: muralicloud <murali.protek@gmail.com>

Date: Sun Apr 10 15:44:27 2016 -0700

gngsnj

commit a70b298c528b4b81dee53d9155f87b2c01267a5c

Author: murali <murali.protek@gmail.com>

Date: Sun Apr 10 15:40:27 2016 -0700

Initial commit

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git rm -rf midterm

fatal: pathspec 'midterm' did not match any files

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git rm branch "midterm"

fatal: pathspec 'branch' did not match any files

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git delete -b midterm

git: 'delete' is not a git command. See 'git --help'.

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git branch

\* master

midterm

muralikrishna@Shrita MINGW64 ~/repo (master)

$ git rm -b midterm

error: unknown switch `b'

usage: git rm [<options>] [--] <file>...

-n, --dry-run dry run

-q, --quiet do not list removed files

--cached only remove from the index

-f, --force override the up-to-date check

-r allow recursive removal

--ignore-unmatch exit with a zero status even if nothing matched

muralikrishna@Shrita MINGW64 ~/repo (master)

$ cd ..

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git delete -b midterm

git: 'delete' is not a git command. See 'git --help'.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git checkout master

M murali/gogula

D saai.html

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~ (master)

$ git delete -d midterm

git: 'delete' is not a git command. See 'git --help'.

muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout midterm

M murali/gogula

D saai.html

Switched to branch 'midterm'

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git branch -d comment\_broken\_links\_101026

error: branch 'comment\_broken\_links\_101026' not found.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git branch -d

fatal: branch name required

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git branch -d midterm

error: Cannot delete the branch 'midterm' which you are currently on.

muralikrishna@Shrita MINGW64 ~ (midterm)

$ git checkout master

M murali/gogula

D saai.html

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~ (master)

$ git branch -d midterm

Deleted branch midterm (was a25a947).

muralikrishna@Shrita MINGW64 ~ (master)

$ git history

git: 'history' is not a git command. See 'git --help'.

muralikrishna@Shrita MINGW64 ~ (master)

$ git reflog

a25a947 HEAD@{0}: checkout: moving from midterm to master

a25a947 HEAD@{1}: checkout: moving from master to midterm

a25a947 HEAD@{2}: checkout: moving from midterm to master

a25a947 HEAD@{3}: checkout: moving from master to midterm

a25a947 HEAD@{4}: checkout: moving from murali to master

a25a947 HEAD@{5}: checkout: moving from masster to murali

a25a947 HEAD@{6}: checkout: moving from newone to masster

a25a947 HEAD@{7}: checkout: moving from master to newone

a25a947 HEAD@{8}: pull https://github.com/muralicloud/gogula.git: Merge made by the 'recursive' strategy.

3f430cb HEAD@{9}: commit: murali

569c369 HEAD@{10}: commit: first

8dd1a42 HEAD@{11}: commit: knjsdfkdsj

b8d024a HEAD@{12}: commit: first commit

8a75563 HEAD@{13}: commit: protek

dc9b35c HEAD@{14}: commit: added few lines

9c1ee69 HEAD@{15}: commit (initial): murali html

muralikrishna@Shrita MINGW64 ~ (master)

$ git reflog

a25a947 HEAD@{0}: checkout: moving from midterm to master

a25a947 HEAD@{1}: checkout: moving from master to midterm

a25a947 HEAD@{2}: checkout: moving from midterm to master

a25a947 HEAD@{3}: checkout: moving from master to midterm

a25a947 HEAD@{4}: checkout: moving from murali to master

a25a947 HEAD@{5}: checkout: moving from masster to murali

a25a947 HEAD@{6}: checkout: moving from newone to masster

a25a947 HEAD@{7}: checkout: moving from master to newone

a25a947 HEAD@{8}: pull https://github.com/muralicloud/gogula.git: Merge made by the 'recursive' strategy.

3f430cb HEAD@{9}: commit: murali

569c369 HEAD@{10}: commit: first

8dd1a42 HEAD@{11}: commit: knjsdfkdsj

b8d024a HEAD@{12}: commit: first commit

8a75563 HEAD@{13}: commit: protek

dc9b35c HEAD@{14}: commit: added few lines

9c1ee69 HEAD@{15}: commit (initial): murali html

**C. GIT BRANCHING AND MERGING:** Perform following tasks and explain how you performed each operation. Draw a flow diagram as you progress through the steps. Add all git commands you used and push the repository in your github. Add your github public repository (for these following tasks) link with the homework.

1. Create a local branch using git checkout -b branchname command
2. Observe the difference by doing some file operations and switch back to the master branch and see if you can see the changes done on the branch
3. Now switch back to the branch and commit the changes and switch to master

branch. Now see if you can still see the changes in the master branch

1. Now switch back to the branch name and stash the changes and apply the changes to the master branch by switching to the master branch
2. Try merging the changes from the branch to the master branch using all the three merge strategies and then view the git log
3. Push the local branch to the remote repository and see if the branch is present on the remote repository – Github
4. Create a local branch using git checkout -b branchname command

A) muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout -b mehta

M murali/gogula

D saai.html

Switched to a new branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

1. Observe the difference by doing some file operations and switch back to the master  branch and see if you can see the changes done on the branch

A) muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout -b mehta

M murali/gogula

D saai.html

Switched to a new branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

$ ^C

muralikrishna@Shrita MINGW64 ~ (mehta)

$ vi murali.txt

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git add \*

fatal: Not a git repository: AppData/Local/GitHub/IgnoreTemplates\_a66c3719071da6d865a984bb8d6bfb5bcd775ec8/../.git/modules/gitignore

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git commit

Aborting commit due to empty commit message.

muralikrishna@Shrita MINGW64 ~ (mehta)

$ mkdir test

muralikrishna@Shrita MINGW64 ~ (mehta)

$ cd test

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ vi murali.txt

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git add \*

warning: LF will be replaced by CRLF in test/murali.txt.

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

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git checkout master

M murali/gogula

D saai.html

A test/murali.txt

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~/test (master)

$ ls

murali.txt

1. Now switch back to the branch and commit the changes and switch to master  branch. Now see if you can still see the changes in the master branch
2. Now switch back to the branch name and stash the changes and apply the changes  to the master branch by switching to the master branch
3. Try merging the changes from the branch to the master branch using all the three  merge strategies and then view the git log
4. Push the local branch to the remote repository and see if the branch is present on the  remote repository - Github

A) muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout -b mehta

M murali/gogula

D saai.html

Switched to a new branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

$ ^C

muralikrishna@Shrita MINGW64 ~ (mehta)

$ vi murali.txt

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git add \*

fatal: Not a git repository: AppData/Local/GitHub/IgnoreTemplates\_a66c3719071da6d865a984bb8d6bfb5bcd775ec8/../.git/modules/gitignore

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git commit

Aborting commit due to empty commit message.

muralikrishna@Shrita MINGW64 ~ (mehta)

$ mkdir test

muralikrishna@Shrita MINGW64 ~ (mehta)

$ cd test

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ vi murali.txt

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git add \*

warning: LF will be replaced by CRLF in test/murali.txt.

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

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git checkout master

M murali/gogula

D saai.html

A test/murali.txt

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~/test (master)

$ ls

murali.txt

muralikrishna@Shrita MINGW64 ~/test (master)

$ ^C

muralikrishna@Shrita MINGW64 ~/test (master)

$ git checkout mehta

M murali/gogula

D saai.html

A test/murali.txt

Switched to branch 'mehta'

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ ls

murali.txt

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ vi newmurali.html

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git add \*

warning: LF will be replaced by CRLF in test/newmurali.html.

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

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git checkout master

M murali/gogula

D saai.html

A test/murali.txt

A test/newmurali.html

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~/test (master)

$ ls

murali.txt newmurali.html

muralikrishna@Shrita MINGW64 ~/test (master)

$ git checkout mehta

M murali/gogula

D saai.html

A test/murali.txt

A test/newmurali.html

Switched to branch 'mehta'

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git commit -m "dsglsngs"

[mehta warning: LF will be replaced by CRLF in test/murali.txt.

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

warning: LF will be replaced by CRLF in test/newmurali.html.

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

cadff03] dsglsngs

warning: LF will be replaced by CRLF in test/murali.txt.

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

warning: LF will be replaced by CRLF in test/newmurali.html.

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

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

delete mode 100644 saai.html

create mode 100644 test/murali.txt

create mode 100644 test/newmurali.html

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git checkout master

M murali/gogula

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~/test

$ ls

ls: cannot open directory .: Permission denied

muralikrishna@Shrita MINGW64 ~/test

$ git checkout master

fatal: Unable to read current working directory: No error

muralikrishna@Shrita MINGW64 ~/test

$ git checkout mehta

fatal: Unable to read current working directory: No error

muralikrishna@Shrita MINGW64 ~/test

$ cd ..

muralikrishna@Shrita MINGW64 ~ (master)

$ cd test

bash: cd: test: No such file or directory

muralikrishna@Shrita MINGW64 ~ (master)

$ git branch

checkout

chekout

masster

\* master

mehta

murali

newone

muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout mehta

M murali/gogula

Switched to branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

$ ls

3D Objects/ IntelGraphicsProfiles/ newrepo/ protek1.html

AppData/ ITU-/ NOTICE README.md

Application Data@ ituday2/ nrepo/ Recent@

bin/ kuldip/ NTUSER.DAT RELEASE-NOTES

BullseyeCoverageError.txt lib/ ntuser.dat.LOG1 RemoteSystemsTempFiles/

class1/ libgit2/ ntuser.dat.LOG2 repo/

cloud3 LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms RUNNING.txt

Cloud4/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saiteja/

cloudrep/ Local Settings@ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

conf/ logs/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

Contacts/ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Cookies@ Midterm/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Creative Cloud Files/ murali/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

Desktop/ murali.txt ntuser.ini Start Menu@

Documents/ muralione/ OneDrive/ temp/

Downloads/ Music/ Others/ Templates@

Favorites/ My Documents@ Pictures/ test/

fdfd my\_project/ practise/ Tracing/

file1.txt mycode/ practise.html Videos/

first.js/ myrepo/ PrintHood@ VirtualBox VMs/

git/ NetHood@ project/ webapps/

gitday2/ newdoc.txt/ protek/ work/

index.html newproject/ Protek1/ workspace/

muralikrishna@Shrita MINGW64 ~ (mehta)

$ cd test

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ ls

murali.txt newmurali.html

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git checkout master

M murali/gogula

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~/test

$ cd ..

muralikrishna@Shrita MINGW64 ~ (master)

$ git stash mehta

usage: git stash list [<options>]

or: git stash show [<stash>]

or: git stash drop [-q|--quiet] [<stash>]

or: git stash ( pop | apply ) [--index] [-q|--quiet] [<stash>]

or: git stash branch <branchname> [<stash>]

or: git stash [save [--patch] [-k|--[no-]keep-index] [-q|--quiet]

[-u|--include-untracked] [-a|--all] [<message>]]

or: git stash clear

muralikrishna@Shrita MINGW64 ~ (master)

$ git stash list

stash@{0}: WIP on newone: a25a947 Merge https://github.com/muralicloud/gogula

muralikrishna@Shrita MINGW64 ~ (master)

$ git stash drop mehta

'mehta' is not a stash reference

muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout mehta

M murali/gogula

Switched to branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git checkout master

M murali/gogula

Switched to branch 'master'

muralikrishna@Shrita MINGW64 ~ (master)

$ git merge mehta

Updating a25a947..cadff03

Fast-forward

saai.html | 1 -

test/murali.txt | 1 +

test/newmurali.html | 1 +

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

delete mode 100644 saai.html

create mode 100644 test/murali.txt

create mode 100644 test/newmurali.html

muralikrishna@Shrita MINGW64 ~ (master)

$ git log

commit cadff03d90694fa241cafa1ad791338ded12c2e0

Author: murali <murali.protek@gmail.com>

Date: Sun Apr 10 16:31:50 2016 -0700

dsglsngs

commit a25a9472aa1825a9303fc75d3a7ba275a95b9f74

Merge: 3f430cb bc8dbe5

Author: murali <murali.protek@gmail.com>

Date: Mon Mar 28 10:59:34 2016 -0700

Merge https://github.com/muralicloud/gogula

commit bc8dbe5686fa8f83e79d239500dc7645f204407e

Author: murali <murali.protek@gmail.com>

Date: Mon Mar 28 10:58:32 2016 -0700

Create fdfd

commit 3f430cbeccaecbb099b3826f77975b94ea922060

Author: murali <murali.protek@gmail.com>

Date: Mon Mar 28 10:42:24 2016 -0700

murali

commit 569c3693e097eac23068b2726d71e0799be8086b

Author: murali <murali.protek@gmail.com>

Date: Mon Mar 28 10:22:44 2016 -0700

first

commit 0518efb9c939fa2ea3e4e89390fc3919217a4023

Author: murali <murali.protek@gmail.com>

Date: Mon Mar 28 10:14:45 2016 -0700

Initial commit

commit 8dd1a42d92f58fc315a3087ab3302bcd8b7e7d0f

Author: murali <murali.protek@gmail.com>

Date: Fri Mar 25 14:27:56 2016 -0700

knjsdfkdsj

commit b8d024a4acac1c4b3f89bc8f38af282ccc75ca36

Author: murali <murali.protek@gmail.com>

Date: Fri Mar 25 13:57:58 2016 -0700

first commit

commit 8a75563812aee226e2618ee7ff6e3aa9687ce73a

Author: murali <murali.protek@gmail.com>

Date: Fri Mar 25 12:35:14 2016 -0700

muralikrishna@Shrita MINGW64 ~ (master)

$ git push

fatal: No configured push destination.

Either specify the URL from the command-line or configure a remote repository using

git remote add <name> <url>

and then push using the remote name

git push <name>

muralikrishna@Shrita MINGW64 ~ (master)

$ git checkout mehta

M murali/gogula

Switched to branch 'mehta'

muralikrishna@Shrita MINGW64 ~ (mehta)

$ git push

fatal: No configured push destination.

Either specify the URL from the command-line or configure a remote repository using

git remote add <name> <url>

and then push using the remote name

git push <name>

muralikrishna@Shrita MINGW64 ~ (mehta)

$ ls

3D Objects/ IntelGraphicsProfiles/ newrepo/ protek1.html

AppData/ ITU-/ NOTICE README.md

Application Data@ ituday2/ nrepo/ Recent@

bin/ kuldip/ NTUSER.DAT RELEASE-NOTES

BullseyeCoverageError.txt lib/ ntuser.dat.LOG1 RemoteSystemsTempFiles/

class1/ libgit2/ ntuser.dat.LOG2 repo/

cloud3 LICENSE NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms RUNNING.txt

Cloud4/ Links/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms saiteja/

cloudrep/ Local Settings@ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms saitejak/

conf/ logs/ NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf sample.txt

Contacts/ md NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf Saved Games/

Cookies@ Midterm/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms Searches/

Creative Cloud Files/ murali/ NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms SendTo@

Desktop/ murali.txt ntuser.ini Start Menu@

Documents/ muralione/ OneDrive/ temp/

Downloads/ Music/ Others/ Templates@

Favorites/ My Documents@ Pictures/ test/

fdfd my\_project/ practise/ Tracing/

file1.txt mycode/ practise.html Videos/

first.js/ myrepo/ PrintHood@ VirtualBox VMs/

git/ NetHood@ project/ webapps/

gitday2/ newdoc.txt/ protek/ work/

index.html newproject/ Protek1/ workspace/

muralikrishna@Shrita MINGW64 ~ (mehta)

$ cd test

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git push

fatal: No configured push destination.

Either specify the URL from the command-line or configure a remote repository using

git remote add <name> <url>

and then push using the remote name

git push <name>

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git add \*

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git commit -m "dfnff"

On branch mehta

Changes not staged for commit:

modified: ../murali/gogula (new commits)

Untracked files:

../.VirtualBox/

../.bash\_history

../.docker/

../.eclipse/

../.gitconfig

../.idlerc/

../.metadata/

../.oracle\_jre\_usage/

../.ssh/

../.vim/

../.viminfo

../3D Objects/

../AppData/

../BullseyeCoverageError.txt

../Cloud4/

../Contacts/

../Creative Cloud Files/

../Desktop/

../Documents/

../Downloads/

../Favorites/

../ITU-/

../IntelGraphicsProfiles/

../LICENSE

../Links/

../Midterm/

../Music/

../NOTICE

../NTUSER.DAT

../NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.0.regtrans-ms

../NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.1.regtrans-ms

../NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.2.regtrans-ms

../NTUSER.DAT{174c13b1-a57d-11e5-9203-d7fe1cc80fb7}.TxR.blf

../NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TM.blf

../NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000001.regtrans-ms

../NTUSER.DAT{174c13b2-a57d-11e5-9203-d7fe1cc80fb7}.TMContainer00000000000000000002.regtrans-ms

../OneDrive/

../Others/

../Pictures/

../Protek1/

../RELEASE-NOTES

../RUNNING.txt

../RemoteSystemsTempFiles/

../Saved Games/

../Searches/

../Tracing/

../Videos/

../VirtualBox VMs/

../bin/

../cloud3

../cloudrep/

../conf/

../first.js/

../git/

../gitday2/

../index.html

../ituday2/

../lib/

../libgit2/

../md

../murali.txt

../muralione/

../my\_project/

../mycode/

../myrepo/

../newdoc.txt/

../newproject/

../newrepo/

../nrepo/

../ntuser.dat.LOG1

../ntuser.dat.LOG2

../ntuser.ini

../practise/

../project/

../repo/

../saitejak/

../sample.txt

../temp/

../webapps/

../workspace/

no changes added to commit

muralikrishna@Shrita MINGW64 ~/test (mehta)

$ git push

fatal: No configured push destination.

Either specify the URL from the command-line or configure a remote repository using

git remote add <name> <url>

and then push using the remote name

git push <name>

muralikrishna@Shrita MINGW64 ~/test (mehta)

**D: Review following “MERGE with CONFLICT” scenario. Complete the exercise as requested below:**

**Purpose:**

Learn how to merge when there are code conflicts

Learn how to interact with the remote repository

**Preparation**

**Watch following video:** [**https://vimeo.com/138418055**](https://vimeo.com/138418055)

**You** may want to download the script used for video**. (copied at the end of this assignment)**

**Exercise**

**For t**his exercise, you should experiment with the merging files that have conflicts. You may use the code below or an*y* code of your choice.

public class TheMotivator {

public void feedback(int score) {

if (score == 100)

System.out.println("You're awesome");

else if (score > 90)

System.out.println("That's great");

else if (score > 60)

System.out.println("That's good ");

else

System.out.println("Well, what can I say?");

}

public static void main(String[] args) {

TheMotivator tm = new TheMotivator();

tm.feedback(60);

}

}

**Specific Requirements**

**Th**is exercise is worth 5 points. Turn in a git log that contains at least two different branches that have been merged. NOTE: The point of this is to get comfortable with git, so you do not need to follow the demo exactly. The log should show some reasonable amount of branching and merging. You should do some merges with and without conflicts, although we won't be able to tell this from the log. Show with diagram also.

Remember that to create log file you do:

git log --pretty=format:"%s" --graph > mylog.txt

I would suggest you spend at least half an hour on this task (more if this is all new to you).

**Submit**

Explain steps followed, draw the git flow diagram and

Submit your .txt log file “mylog.txt” with you assignment.

**Hint: Script used in the video**: [**https://vimeo.com/138418055**](https://vimeo.com/138418055)

Git Merging Demo Steps

Create SomeClass

Add method fnOne [syso: I couldn't repair your brakes, so I made your horn louder]

Run

git bash

cd to directory

git init

git status

git add \*.java

git status

git commit -m "Initial"

chg fnOne to thoughtForTheDay

git status

git commit -a -m "Refactored fnOne"

git checkout -b addEvents

add upcomingEvents [syso: Party at Jane's house tomorrow]

git commit -a -m "Added events"

add header to upcomingEvents

try: git checkout master, see error

git commit -a -m "Refined events"

now: git checkout master

revise thought for the day: On the other hand, you have different fingers

git commit -a -m "New thought for the day"

git branch --no-merged (see addEvent)

git merge addEvents [ success! different parts of the file]

git branch --no-merged

git branch --merged

git checkout -b moreEvents

Modify program:

variable:

private ArrayList<String> events = new ArrayList<String>();

new method:

public void createEvents() {

events.add("We're going to a movie on Saturday");

events.add("Study session on Sunday - Jim's house");

}

change method:

public void upcomingEvents() {

System.out.println("Upcoming Events");

for (String event : events)

System.out.println(event);

}

call in main:

sc.createEvents();

git commit -a -m "Add multiple events"

git checkout master

modify upcomingEvents ["Dinner at Katie's on Friday"]

add SomeClass sc = new SomeClass() to main

git commit -a -m "Different event"

git merge moreEvents [ conflicts! need to resolve]

in Editor, notice the lines with issues, fix!

>> how? remove lines from head, remove lines with === and <<<

>> in general? first decide which to keep, make these kinds of

>> changes.

git branch --no-merged

git merge [ won't let you yet!]

git commit -a -m "Merged event handling"

git branch --no-merged

git branch --merged

git checkout moreEvents

modify: Upcoming Events - Please join us!

git commit -a -m "More friendly events"

git checkout master

press up-arrow, git branch --no-merged

git merge moreEvents [success! it's only a conflict if 2 changes]

git log

git log -p -2

git log --pretty=oneline

git log --pretty=format:"%s" --graph

git log --pretty=format:"%s" --graph > mylog.txt

git config --global alias.gr 'log --pretty=format:"%s" --graph'

**Ans)** Professor Please find provided link for all the steps. I have exactly followed that video and did all the steps. I have all the steps in newlogfile.

<https://github.com/muralicloud/gogula.git>