Git Assignment 1

Install GIT & make sure it is added into PATH.

Use GIT as local VCS. Steps to follow:

1. Create a directory ‘project\_dir’ & cd to ‘project\_dir’.

Ans: mkdir project\_dir cd project\_dir.

1. Initialize git version database. (git init)

Ans: $ git init

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

1. Create a new file index.html.

Index.html

1. Check the git status. You should find index.html as untracked file.

Ans: $ git status

On branch master

Initial commit

Untracked files:

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

index.html

1. Stage the index.html file

Ans: $ git add index.html

1. Commit index.html

Ans: $ git commit -m "Added new index.html file"

1. Make few changes in index.html & create a new file info.txt file.

Ans : $ git status

On branch master

Changes not staged for commit:

modified: index.html

Untracked files:

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

info.txt

1. Check git status. You should find index.html & info.txt as untracked files.

Ans : $ git status

On branch master

Changes not staged for commit:

modified: index.html

Untracked files:

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

info.txt

1. Configure GIT to ignore all txt files.

Ans : $ touch .gitignore

\*.txt

1. Again check the git status. You should find only index.html as untracked file.

Ans: $ git status

On branch master

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: index.html

Untracked files:

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

.gitignore

1. State & commit index.html

Ans: git add and git commit -m “added html file”

1. Log all your comments so far.

Ans : $ git log

commit 08d13aa566d401ece3f22f62c657d66bf9f44cb7 (HEAD -> master)

Author: Donde <rasika-rajendra.donde@capgemini.com>

Date: Tue Mar 5 18:52:27 2019 +0530

Added html file

commit 5cc6e6526977ce9e1fbfaa28b37a25845ab9c050

Author: Donde <rasika-rajendra.donde@capgemini.com>

Date: Tue Mar 5 18:06:04 2019 +0530

Added new index.html file

1. Make some changes in index.html.

Ans: $ git status

On branch master

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: index.html

1. Revert the change made in the previous step using git command.

Ans : $ git checkout -- index.html

1. Again change index.html.

Ans : you can check the status with git status command.

1. Stage index.html

Ans : stage the file by using git add index.html

1. Revert back the last stage.

Ans: git reset HEAD index.html

1. Rename ‘add’ command to ‘my-add’.

Ans : $ git config --global alias.myadd add

1. Using my\_add command Stage index.html again & commit the changes.

Ans: $ git myadd index.html

1. Revert the last commit.

Ans: $ git revert -n 81134fe4037ff5d779d73706674c788f4504c9d4