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’.

=project\_dir

1. Initialize git version database. (git init)

= $ git init

1. Create a new file index.html.

= $ created index.html

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

=git status

1. Stage the index.html file.

=git add index.html

1. Commit index.html

= git commit -m "First commit"

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

=done with changes and created info.txt file

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

= 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)

info.txt

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

1. Configure GIT to ignore all txt files.

= touch .gitignore

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

= 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

info.txt

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

1. State & commit index.html

= git commit -am"Added info.txt"

1. Log all your comments so far.

= git log

commit d21361a71d17cde292df9e2d0ed248f71ddc9bbe (HEAD -> master)

Author: GAIKWAD <pratiksha-bhaskar.gaikwad@capgemini.com>

Date: Tue Mar 5 17:41:50 2019 +0530

Added info.txt

commit 68a277e834ac64f90906b52fb2fddcbe5c78de59

Author: GAIKWAD <pratiksha-bhaskar.gaikwad@capgemini.com>

Date: Tue Mar 5 17:17:09 2019 +0530

First commit

1. Make some changes in index.html.

= 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

info.txt

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

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

=git checkout index.html

1. Again change index.html.

=changed

1. Stage index.html

=git add .

1. Revert back the last stage.

= git reset HEAD index.html

1. Rename ‘add’ command to ‘my-add’.

= git config --global alias.add 'myadd'

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

=git my\_add index.html

=git commit –m”second commit”

1. Revert the last commit.

= git revert 68a277e834ac64f90906b52fb2fddcbe5c78de59