**EXPERIMENT NO:15**

Familiarize with git commands:-

* **Clone a git repository**

git clone [*https://github.com/../*](https://github.com/../)*..*

* **Create a branch**

git branch *new\_branch\_name*

git branch

git checkout *new\_branch\_name*

* **Make changes to the file**

vim *file\_name.txt*[make modifications ,save and exit]

git status

git commit -am "*msg*"

* **Merge to master branch**

git checkout master

vim*file\_name.txt*[make modifications ,save and exit]

git commit -am "*msg*"

git merge *new\_branch\_name*

git mergetool

git config --global mergetool "gvimdiff"

git commit -am "*msg*"

or

git merge *new\_branch\_name*

* **After some changes are made, remove the parts unnecessary from the branch**

git checkout master

vim*file\_name.txt*[make modifications ,save and exit]

git add .

git status

gitrm --cached *file\_name.txt*

git status

* **View project history**

gitreflog

* **Make a clean working tree with no modification**

git add .

git commit -m "*all files added*"

git status

* **Temporarily hide the changes in the working tree**

git checkout *branch\_name*

vim*file\_name.txt*[make modifications ,save and exit]

git add .

git status

git stash save “*temporary hide*”

* **Apply changes back**

git stash pop