EXPERIMENT NO:15

Familiarize with git commands:-

- **Clone a git repository**
  git clone *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