```
Step1: Create a repository @github    --->   git.cse.iitk.ac.in

Step2: git clone git@git.cse.iitk.ac.in:deba/classdemo.git

Step3:        $ cd classdemo

              $ vim README.md

              $ Add this content to README.md


Step4:
              $ git add README.md

              $ git commit -am "adding readme"

              $ git push
                    OR
              $ git push -u origin master

              $ mkdir base

              $ cd base

              $ vi sample.c          /*Add a new file, create some content*/

              $ cd ..

              $ git add base

              $ git commit -m "adding base"

              $ git push

Log:
               $ git log -p

               $ git log --stat

               $ git log -p README.md

               $ git help log

diff:         $ git diff README.md

               $ git diff

revert:

               $ git revert HEAD~0

               $ git commit -am "revert"

               $ git push

               $ git add base/newsample.c

               $ git commit -m "add newsample.c"

               $ git revert HEAD~0

               $ git commit -am "update readme"

               $ git push

               $ git revert HEAD~1    /*Revert the revert*/

               $ git push
```

conflicts:

        Create a separate clone of the git repository

        In localA:

        $ git add base/newfile

        $ git commit

        $ git push

        In localB:

        $ git add base/vimp.c

        $ git commit

        $ git push   /*A pull required before push*/

        /*Modifying the same file*/

        Create a separate clone of the git repository

        In localA:

        $ git add base/newfile