GIT CODES

|  |  |
| --- | --- |
| Download link for git | git-scm.com/download/win |
|  |  |
| install git on local pc | there is a install video for this |
|  |  |
| configure git for first time | git config --global user.name ‘Syed Golam Nabi’ |
|  | git config --global user.email ‘psychpixles@gmail.com’ |
|  |  |
| Initialize local git repository or | git init |
| clone from github website | git clone <https://github>.com/psychpixles/test.git |
| to add an already created repository to git hub | git remote add origin https://github.com/psychpixles/practice.git  git push -u origin master |
|  |  |
|  |  |
| create a new file from shell | touch filename.txt |
| inspects the contents of the working directory and staging area | git staus |
|  |  |
| add filename.txt from working directory to staging area | git add filename.txt |
| adding all file in directory to staging | git add . |
| will add any docx file to staging area | git add \*.docx |
| add two specific files to staging | git add scenen-3.txt scene-7.txt |
| UNSTAGE | git reset HEAD |
|  |  |
| to commit changes | git commit -m 'change1’  git add .  git commit –m ‘change2’ |
| to show log of all your commit history | git log |
|  |  |
|  |  |
| to push the commit to github website it will ask for password and user id for the first time | git push |
|  |  |
| pull latest from git hub | git pull |
|  |  |
|  |  |
|  |  |
|  |  |
| to remove file from git | git rm --cached sample.docx |
|  | git rm --cached \* |

Branches In Git

|  |  |
| --- | --- |
| list all the branch , \* shows current branch | git branch |
| create a new branch named newbranch | git branch newbranch |
| to switch to newbranch | git checkout newbranch |
| to merge with the master branch \_ first checkout to master branch \_ finding problem in conflict resolution | git merge newbranch |
|  | git merge –abort |
| create a new branch and checkout to it in one command | git checkout -b dummy |
| delete a branch | git branch –D dummy |
|  |  |

head referes to the most recent commit

Reverting and Resetting Code Changes

|  |  |
| --- | --- |
| UNSTAGE | git reset HEAD |

|  |  |
| --- | --- |
| Undo changes not stagged | git checkout trial.txt |
| undo commited changes | git revert 81129e33f7252182e2bb4d08159b57914cf7ecc2 |

|  |  |
| --- | --- |
|  |  |
| first atleast one commit required |  |
| Undo Uncommited changes | git checkout -- readme.txt |
| undo uncommited changes all files | git checkout -- . |
| to quit from the menu | :q |

not clear portion -

|  |  |
| --- | --- |
|  |  |
| shows the difference between the working directory and the staging area | git diff |

