project management wit git Experiments

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1st - Exp

- git init   → master Branch
- nano 1. TXT →[write something, Controls & Control x]
- git add 1. TxT
- git Commit -m " 1.Txt Committed"
- git log

2nd Exp

- git checkout -b feature-branch → Switched to Subbranch
- git branch
- nano 2. txt → [write something. Control s & Control x]
- git add 2.txt
- git Commit -m " 2.txt Commited"
- git log
- git checkout master → Switched to master branch
- git merge feature-branch
- git log

3rd - Exp

- nano 3. txt ——→ feature-branch
                      master
- git add 3. txt
- git Stash Save " 3.txt Stashed"
- git checkout feature-branch → Switched to Subbranch
- git stash apply
- git commit -m " 3.txt Committed"
- git log ——→ feature-branch

4) 4th Exp

- ls ——→ shows list of files. →[feature-branch]
- git clone < Repo-link > —→ take the link from git hub as created git repository.
- ls ——→ shows list of files & repo-name.
    ↑
- cd < Repo-name > -→ [Feature-branch]
- ls → it shows only whatever we upload pdf-file
    [main or master branch]

5th Exp

- git remote set-url origin < Repo-link > — main branch
- pwd —→ path working Directory
- cd.. —→ it switch to feature-branch
- git remote add origin < Repo-link >
- git remote set-url origin < Access token link @ Repo-link >

- git checkout master —→ switched to master.
- git fetch origin
- git rebase origin/master/main
- git push origin master/main

6th Exp & 2nd Exp Same.

7th Exp

- nano 4.txt ——→ master branch
- git add 4.txt
- git Commit -m " 4.txt Committed "
- git log
- git log --oneline —→ it shows all commit ID's in one line
- git tag V1.0
- git tag
- git push origin --tag → pushed to github - check in tag field - its reflected

① 8th_Exp → cherry-pick.

- git init
- nano 1.txt
- git add 1.txt
- git commit -m "1.txt Committed"
- git log ──→ shows only master branch Commit ID
- git checkout -b Subbranch
- nano 2.txt
- git add 2.txt
- git commit -m "2.txt Committed"
- git log ──→ Shows only subbranch Commit ID
- git checkout master
- git cherry-pick < subbranch-commit ID >
- git log ──→ shows Subbranch Commit ID in master branch

9th Exp and 11th Exp are Same.

- git show < Commit ID >
   └→ add particular Commit ID
   ├ shows whatever written in txt file
   └→ Shows author name, time, Date.
- git log -n1
   └→ Shows author name, mail ID, Date & time.

10th_Exp

- git log --author="banureddy 101" --since="2025-12-01" --until="25025-12-21"

it Shows all Commit ID's, author name, Date & time whatever created in that period.