

GIT - BRANCHES

GIT DIFF COMMAND -

git diff → it compares the files between working area with Local Repository

git diff --staged → it compares the files between staged and Local Repository

Color Codes :

- GREEN color indicates that need to add the code to Local Repository
- RED Color indicates that need to remove the code from Working area

GIT BRANCHES

git branch → Shows the branch of Local Repo only, * symbol indicates the master branch

git branch <new_branchname> → creates a new branch

git checkout -b <new_branchname> → to create a new branch and switch to it.

git checkout <branch_name> → helps to switch to branch_name

Note --** Before switching to new branch make sure that you have clean git status

git branch -m <oldname> <new_name> → to rename the branches

git branch -a → shows the branches of Local and Remote

Git merge command

Step 1 - perform the activity of branch development

Step 2 - move to target branch where you want to merge then execute below command

```
# git merge <branch_name>
```

Step 3 - git pull from remote repo

Step 4 - git push from local to remote repo

Exercise - Lab activity on Branch concept, create a branch and then make some development activities and then merge to master branch, then pull and push the changes to remote repo

THANK YOU