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Git

Git is version control system which help in to track the code and it is used in to collaborate with code.

Creating git folder

Mkdir is used for making new directory

Cd is used for change directory

Initialize git

Once we created git folder we have to initialize that folder using command.

Git init

Adding new files

Lets add files in our first repo

Creating index.html file in our html editor and save it.

And run ls command to see list of file include in our folder using command

Git ls

Now check the status of git using

Git status

In git repo files are in two steps

1. Tracked - which means git know the file and added to repository
2. Untracked - which means git know the file but not added to repository

Git staging environment

Staging files are that files that are ready to commit , now we are working on index.html so this file is ready for add in staging environment using

Git add index.html

Add more than one file

Now created two more file like readme.md and blue.css and link css with index.html

Now for add all files on staging environment using

Git add -- all

Git commit

Adding commit it track our progress and changes we work.

When we use commit always use message.

Git commit -m "firar repo"

Git commit without stage

Some times we do small change in the file . it is possible to skip staging environment the -a will automatically skip staging environment.

Now check the status of our repo we use - - short command.

Git commit log

To see the history of commit for our repo we use log command

Git log

Git help

If we trouble in remember git command we use help command to see list of all command

Git command -help

Git help - -all

Create new branches

We can create new branche using branch command

Git command newbranch

And using check out command we can move to different branches like

Git checkout newbranch

Merge branches

So now we have two branches one is master and second one is newbranch

Git merge newbranch

And after merge we can delete the branches using

Git branch -d newbranch

Your Name

CEO, Your Company