:- Grit :-

Grit is a Version control System (VCS) for our files/ Coads.

It manages and controls version of our files/coads.

Grit is distributed VCS.

There are many other VCS out there but most popular is Grit.

VCS's help us to :-

i) keep tract of what we are doing is files at what time.

ii) If we ~~want a file~~ have a file & we have edited

it 5-6 times after it's first initialization & now after that we need ~~that file which we have created after 2nd ed~~ 2nd edition of file Git gives us.

iii) If we are doing a project in which we have written some code to run program, & in 2-3 years we have updated it many times, but at some point we need some older version of that, then Git provides us that very easily.

Git also helps us in many other ways too.

:- GitHub :-

Github is source coad hosting platform where, we can share and collaborate in various projects.

We can pull & push coads from here very easily.

→ Installation of Grit :-

Install Grit for your Os from
git scm.com.

You can now use git from

i) git bash (terminal given by Grit itself)

ii) power shell (terminal of window)

but we prefer git bash as it is more femiliar with Linux system.

As we know terminal progam always runs in directly. So, it is useful if you have separate directry/ folar for

git. for example → project.

now, you can use cd command to go to that directory.

OR you can just go in that folder/directory (here project) and right click on mouse. then click git base here, then also your terminal opens in that directory.

now if you want to go in c directory write

cd /c

if you want to go to a directory say (document) in c you can type

cd /c/document

To check in which directry you are now you can type

Pwd

Now, for any one project we choose one directry, always use terminal from that directry, use command like commit, from that directly only.

Before using Crit you have to tell Crit who are you i.e. you have to give your username & email id to git so that it can show who have committed or changes something in file.

To configer user name type

git config --global user.name
"Anoj"

To Configer user email id

git config --global user.email
"anoj78700403530gmail.com"

NOTE!- If you press ↑(up arrow key) it copies last command you have written.

To zoom screen

Ctrl + +

To zoom Out

Ctrl + -

git config --global user.name"

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if you want to see you user name type

git config user.name.

for email

git config user.name

as we know git has a feature of commit if you commit in git, means it takes snapshot of that state of your project and save it in .git (repository). now, it can be helpful if you made some developement in that project but that cause some error and you want to fall back to your privious working state then you can use that