Day--02

--------------

Git Workflow

-------------------

write the code

----------------

working area----suppose source code 10gb

to writing the code

to reduce the size of source code

----------------------------------------

snapshot/staging area

to create a snapshot area to reduce the size of source code

giving version to source code

----------------------------------

Local repository

its store the piece of source code in this place

Remote Repository

-------------------------

the entire project is available in this place

or

the total project code is available in this place

How to install Git

----------------------------

connect linux server---using mobaxterm,putty,gitbash,command line,browser method

login as ec2-user

change as a root user using sudo su

yum install git

yum install git -y

check the where is git software

--------------------------------------

which git

/usr/bin/git

check the version

-----------------------

git --version

2.47.1

Remote Repository

------------------------

github server is called remote repository

local repository

----------------------

linux server or gitbash or local laptop is called local repository

clone

--------

to taken the repositories from remote to locally

is called clone

git clone url

ex:git clone https://github.com/nareshlingala99/addressbook.git

Fork

-------

projects are copied from one github to another github account

is called fork

configure details with git

-------------------------------

git config --global user.name "swetha983"

git config --global user.email "thotaswetha983@gmail.com"

how to check the list

----------------------------

git config --list

create directory----------mkdir project

go to directory------------cd project

to initialize the git software

----------------------------------

git init

create files

touch anu

touch siri

touch chikky

touch nani

touch baby

vim anu-----hai anu

vim siri------hai siri

vim chikky---hai chikky

vim nani------hai nani

vim baby-----hai baby

sending files from working area to staging area

-----------------------------------------------------------

to reduce the size

git add

ex:git add anu----only anu file added

git add siri------only siri file added

git add . ----------all files added in folder

git add \* ----------all files added in folder

sending to from staging area to local repository

--------------------------------------------------------

git commit -m "myfiles"

the version id created

id---40 characters

its include numbers and alphabetical orders

commit id(version id)

working area---untracked files

staging area-----staging files

local repository---tracked files

how to check staging area files

-------------------------------------

git status

how to checking local repository files

---------------------------------------------

its also called as git repository

git log

git show

-----------

its a command in git

its used to display the data inside a file

we must use the version 0r commit id

just take the first 7 characters

git show commitid(first 7 characters)

add url to local repositories

========================

git remote add origin url path

git remote add origin https://github.com/nareshlingala99/addressbook.git

push the files local to remote repository

-------------------------------------------------

files send to from local repository to remote repository is called push

git push -u origin master

enter username:swetha983

enter password:

go to github---settings--developer options--personal access token

----classic token---new generate--classic----give any note----no expiration

select all check boxes---create new access token

copy and save

enter password:copy the token paste here

enter

100% done

go to remote repositery refresh u will see the files

git pull

---------

if any case you will add some files in remote repository

to send files to remote to local

git pull

file added

