Java Full Stack

5 phases

Phase 1

Agile

Git : few topics self learning – few topics covered by trainer.

Core Java

Basic Programming

OOPs

Exception handling

Multithreading overview

File handling

Collection Framework and Data structure

Maven : self learning and few topics covered by trainer.

Phase 2

Phase 3

Phase 4

Phase 5

Capstone Project : final project

GIT: Git is open source sub version control system tool which help to record the program or application execution.

SVN :

GIT : it is a type of distributed sub version control system which help to share the data between more than one team or developer or programmers.

In Git will provide repository : repository mean like a folder which hold any type of files or program or folder or application.

Git provide local as well as remote repository( git hub or git lab or aws and azure etc).

Git commands

Git --version

git init (this command is use to make the local folder as local repository) this command you have to execute only once.

git status (this command is use to find the current status of local repository)

we have to add the file from local folder to staging area.

git add filename ( This command is use to add the file from local folder to staging area)

or

git add . (this command is use to add all files and folder present in local directory)

now we have to move the file or folder from staging area to local repository

git commit –m “commit message”

staging are : this area provided by git which is use to store the set of files and folder before commit.

Remote repository can be git hub or git lab or AWS or Azure etc.

git branch -M main (this command is use to rename the branch)

git remote add origin URL (link local repository with remote repository)

git remote add origin https://github.com/Kaleakash/test112233.git

(this command is use to connect local repository to remote repository)

We will genera the Token which help to push the local repository code to remote repository.

git push –u origin main (this command is use to push the code from local repository to remote repository)

git clone url (this command is use to clone any public remote repository into local machine)

it is use to download fresh copy in local machine

git pull : it is use to get new update in existing repository

git branch : git branch is like a pointer which hold more than one commit details.

git branch (this command is use to check the branch name available in local machine)

git branch branchName (this command is use to create the branch)

to switch to the branch

git branch –D branchName This command is use to delete the branch

git merge banchName This command is use to merge the branch code into current branch.