**Day 1 : 08—5-2021**

**MEAN Stack :**

**Mongo Db/MySQL Express JS Angular Node JS**

**Phase 1 :**

**Agile : Self learning : SDLC**

**Git : Self Learning : Version Control System.**

**DevOp:**

**Web Technologies :**

**HTML/HTML5, CSS/CSS3, JavaScript using ES5 and ES6 and bootstrap etc.**

**Phase 2 : TypesScript and Angular 8,9,10,11 etc**

**Phase 3 : Node JS, Express JS (REST API), Mongo DB and Mongoose etc.**

**Phase 4 : Deploy the application in AWS , ES2 and S3 etc**

**SVN :**

**Git : Version Control System**

**Version Control System that records changes on files or folder or project.**

**Distributed Version Control system.**

**Online Shopping :**

**10 member**

**1 login page**

**2 application page**

**3 product details**

**4 product view details**

**5 order details.**

**After finish all coding they have to push the code in central folder (repository).**

**Central Repository (online shopping)**

**Git hub**

**AWS**

**Azure**

**Google cloud**

**Oracle cloud**

**Etc**

**10 member**

**Pull the project from central repository**

**Git**

**1**

**To**

**10**

**After finish the task they push the code to central repository.**

**First command is use to check the version**

**git --version**

**git init** This command is use to create the local repository.

**git status** : This command is use to check status of last command in local repository.

**git add filename :** This command is use to add the file in staging area. Staging area is consider as a buffer memory for git which store information about what will go the next commit.

git commit –m “message” : This command is use move the file from staging area to git local repository.

**Create folder : which contains set of files or project**

**git init : This command only one time(first time)**

**git status**

**git add filename**

**git status**

**git commit –m “message”**

**git status**

**git add . : all file and folder present in current directory.**

**Git hub :**

**It is a one of the remote repository.**

**Git : It is open source software which help to interact with the remote repository (git hub etc).**

**AWS : Code Commit : remote repository**

**git remote add origin URL :**

**This command is use to connect local repository to remote repository.**

**git push –u origin HEAD : This command is use to push the data from local repository to remote repository.**

**Please add new file in local repository folder.**

**git status**

**git add .**

**git commit –m “file added”**

**git push –u origin HEAD (HEAD means last commit)**

**git clone URL : It download all file or folder present in remote repository to local machine as well as it make that folder as local repository.**

**git clone URL : if we are downloading all files or filed first time. That time we have to use git clone URL.**

**git pull : This command is use to pull any new updated in existing repository.**

**git branch : git branch is a moveable pointer which hold more than commit details.**

**git branch : This command is use to display all branches present in local terminal.**

**Default branch may be master or main**

**Old version default branch is master consider**

**New version default branch is main consider.**

**Creating user-defined branch**

**git branch branchname**

**how to switch to user defined branch**

**git checkout branchname**

**Manager – Akash**

**Banking App**

**Sample Template created..**

**Git init**

**Git add .**

**Git commit –m “project created”**

**Git remote add origin URL**

**Git push –u origin HEAD**

**Default branch is main/master**

**Ajay Vijay**

**Git clone URL git clone URL**

**main default branch main default branch**

**Application page Customer page**

**Please create user-defined branch**

**If he/she do changes on default branch**

**git add .**

**git commit –m “message”**

**git push –u origin HEAD**

**Creating the branch**

**git branch branchname**

**git checkout branchname**

**Or**

**git checkout –b branchName**

**Command to remove or delete the branch**

**git checkout main/master branch**

**git branch –D branchName**

**git pull in main/master**

**git push (user-defined branch)**