

Assignment - 2

Ques 1. GIT : GIT is a version control system. It is designed for managing the small to large project. It was introduced in 2005 by Linus Torvalds & has been maintained by Junio Hamano. It is used for code changes, tracking who made changes.

Ques 2. It is also known as source control. It is used for managing & tracking the software code. Two types of VCS are:

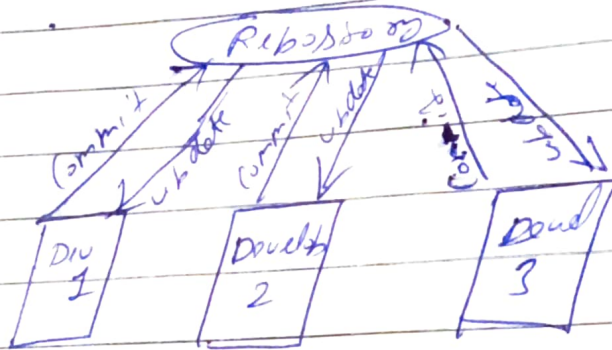
- * Centralised version control system
- * Distributed version control system

Ques 3. Git hub is a Git source. It is a repository. It is used to store the source code. It is the largest host of source code in the world. Like Git hub we have also like Git lab, bitbucket and Git blit etc.

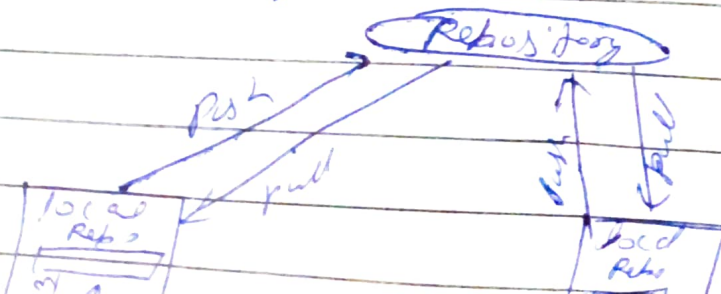
Ans-4 Some popular Git hosting services
 * GitHub * GitLab * Bitbucket * BitBucket
 * Bitblit etc. &
 hosting services allow you to host your
 project by use of Git.

Ans-5 There are 2 type VCS

(i) Centralized VCS & It is not using now
 a day because there is
 only one main Repo. If there is
 any VCS is damaged or not
 work properly then the file or code
 gone.



(ii) Distributed VCS & Now a days we use
 VCS because there is local
 Repo. If the main repo.
 become damaged then we can
 access the file or program in the
 local Repo.



Ans 6

Git is branching capabilities. Unlike centralized version control system, Git branches are cheap & easy to merge.

Ans 7 Git repository tracks & save the history of all changes made to the file in a Git project. It save the data in a directory called .git. Git Repository help the developer to access the code in their local system.

Ans 8 To open a git hub ~~add~~ using add command we can add file in staging area. After add commit the file in local Repo. After commit the file make a branch and remote add origin and then push the file to the ~~local~~ main Repo by using the Git hub link.