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Q1)Version control system is a software which keeps track of changes done in a particular source code in a selected data base. So that every one who is working on the code could know what changes have been done.

Q2)Version control system is necessary to track changes done by any one of the team member in source code, so that every one in the team could know which have been done.

Q3)There are three types of version control systems,

- Local version control system
- Centralized version control system
- Distributed version control system

Local VCS : Local VCS keeps track of changes done in a particular source code in a folder in that particular device.

Centralized VCS : Centralized VCS keeps track of all the changes done in a source code in a shared server so that every one who has access to the server could get to know the changes done in the source code.

Distributed VCS : All the information about the changes made in the source code is stored in a centralized server and this information is completely copied into client servers so that even If the shared server crashes the data will stay safe in different client servers.

Q5)GIT is a software for tracking different changes made in a corresponding source code or in a set of files. It is used by the programmers who are working on the same code to avoid confusion and to keep track of all the changes done in a set of files or source code.

Q6)GIT is an open source software making it available for everyone to suggests upgrades and software changes. It tracks all the modifications done in a source code or set of files.

Q7)git commit : used for saving changes made in a git repository.

git clone " ": used for cloning a repository by using link of the repository provided.

Git checkout -b " " : create a new branch and switch into it.

Q9) git --version

Q10) git add

Q12) git init

Q15) git add " "

Q16) git commit -b "New email"

Q18) new version of a repository or a separate version in a repository is known as a git.

Q19)git checkout -b "New email"

Q20) git checkout.

Q21) -b is used with git checkout if we are moving to a file which doesn't exist. git checkout -b "file name"

Q22) git init is used to initialize Git on the current repository

Q24) push command is used to upload content in local repository to a remote repository

git push "repo name" "branch name"