

QUIZ ANSWERS

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1A) Version control system is a software designed to record changes within one or more files over time .

2A) Version control is developed because it keeps a history of previous versions and it develop simultaneously on different branches and it can collaborate with other developers.

3A) Types of Version control systems:

i)Local version control system: it is a local database located on our local computer, in which every file change is stored as a path.

ii) Centralised version control system: it has single server that has all file versions. It enables multiple clients to access simultaneously and modify files on the server.

iii) Distributed version control system: It is best version that if the server becomes unavailable then it is available when other client sends a copy of file.

4A)

Difference between distributed version and centralised version control :

- In CVS no one can access the files if the server goes down whereas in DVS if server goes down if any client sends a copy then it is easily accessible by other clients.
- Example of CVS is Microsoft team foundation
- Example of DVS is Git

5A)Git is a open source Distributed version control system.It is used to access and modify the changes in any set of files.It is mainly used in doing projects in computer science field.

6A)Features of Git :

Tracks history

Scalable and backup

Distributed version

Easily accessible and open source

7A) git --version : it is used to check version of git

git init : it I used create git project in existing directory

git add : It is add files and staged as committed.

These commands are used to communicate and modify the directories

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9A) run the “git --version ”,it checks the version of git installed. If not,it will guide you to install by certain command.

10A)

1) git add

2) git -all

11A)git status : it is to see the current status of working directory.it can work on working and stagging files.

Git log : it is used to show commited files and it can work only on commited files.

12A)git init

16A)git commit -m “New Mail”

15A)git add .

20A) cd new-email

21A) git checkout -b

22A) git init : it I used create git project in existing directory.

23A) git push <remote> <branch>

