**GIT :**

1 What command is used to initialize a new Git repository?

a. git start

b. git init

c. git create

d. git new

2 To add changes from the working directory to the staging area, which command is used?

a. git add

b. git commit

c. git stage

d. git update

3 How do you check the status of your Git repository?

a. git status

b. git info

c. git check

d. git state

4 What command is used to commit changes to the repository?

a. git push

b. git commit

c. git save

d. git submit

5 To view the commit history, which command is used?

a. git log

b. git history

c. git show

d. git view

6 How do you create a new branch in Git?

a. git new-branch

b. git branch-create

c. git branch

d. git create-branch

7 What is the purpose of the command git clone?

a. Create a new branch

b. Clone a remote repository

c. Delete a branch

d. Rename a branch

8 To switch to a different branch, which command is used?

a. git switch

b. git branch-switch

c. git checkout

d. git move

9 How do you discard changes in the working directory for a specific file?

a. git undo

b. git discard

c. git reset

d. git revert

10 What command is used to merge branches in Git?

a. git join

b. git merge

c. git combine

d. git connect

11 How do you remove a file from the staging area without deleting it?

a. git remove

b. git reset

c. git unstage

d. git discard

12 What is the purpose of the git pull command?

a. Push changes to a remote repository

b. Fetch changes from a remote repository and merge them into the current branch

c. Pull changes from a remote repository and apply them to the working directory

d. Update the local repository

13 How can you create and switch to a new branch in one command?

a. git create-branch

b. git branch-create

c. git checkout -b

d. git switch -b

14 What command is used to rename a branch in Git?

a. git rename-branch

b. git branch-rename

c. git branch -m

d. git move-branch

15 To see the changes made in the last commit, which command is used?

a. git diff

b. git show

c. git changes

d. git log -p

16 How do you create a tag in Git?

a. git add-tag

b. git tag

c. git create-tag

d. git new-tag

17 What command is used to undo the last commit without discarding changes?

a. git undo-commit

b. git reset

c. git revert

d. git cancel

18 How do you discard all changes in the working directory?

a. git reset --hard

b. git discard-all

c. git clean

d. git undo-all

19 What does the command git remote -v show?

a. View all branches

b. View the version of Git

c. View the remote repositories and their URLs

d. View the commit history

20 What command is used to create a new repository on GitHub from the command line?

a. git create-repo

b. git new-repo

c. git init-repo

d. git hub-create

21 How do you stash changes in Git?

a. git save

b. git stash

c. git hide

d. git store

22 What is the purpose of the command git fetch?

a. Fetch changes from a remote repository and merge them

b. Fetch changes from a remote repository without merging

c. Fetch changes from a local repository

d. Fetch changes from a branch

23 How do you create a remote branch in Git?

a. git create-remote-branch

b. git branch-remote

c. git remote-branch

d. git push origin branch-name

24 What command is used to delete a branch in Git?

a. git branch-delete

b. git remove-branch

c. git delete

d. git branch -d

25 How do you revert to a specific commit in Git?

a. git reset --hard commit-hash

b. git revert commit-hash

c. git restore commit-hash

d. git rollback commit-hash

26 What is the purpose of the .gitignore file?

a. List ignored files in the repository

b. Specify files to be included in the repository

c. Define repository settings

d. Exclude files from version control

27 What command is used to view the differences between two branches?

a. git compare

b. git diff

c. git branch-diff

d. git show-diff

28 How do you amend the last commit message in Git?

a. git commit --amend

b. git amend

c. git change-message

d. git edit-commit

29 What is the purpose of the command git remote add?

a. Add a new branch

b. Add a new commit

c. Add a remote repository

d. Add a new tag

30 How do you view the details of a specific commit?

a. git log -p commit-hash

b. git show commit-hash

c. git details commit-hash

d. git commit-info commit-hash

31 What command is used to create a new branch and switch to it in Git?

a. git branch-create

b. git switch -b

c. git checkout -b

d. git new-branch

32 How do you rename a file in Git while keeping its history?

a. git mv

b. git rename

c. git move

d. git change

33 What does the command git push -u origin branch-name do?

a. Push changes to a remote branch and set it as the default upstream branch

b. Push changes to a remote branch

c. Push changes to the origin branch without setting it as the default upstream branch

d. Update the local repository

34 What command is used to list all remote repositories?

a. git list-remotes

b. git remote -l

c. git show-remotes

d. git remote -v

35 How do you apply changes from one branch to another in Git?

a. git merge

b. git apply

c. git patch

d. git switch

36 What is the purpose of the git log --graph command?

a. Display the commit history as a graph

b. Display the branch history

c. Display the changes made in each commit

d. Display the commit details

37 How do you unstage a file in Git without discarding changes?

a. git reset --soft

b. git unstage

c. git uncommit

d. git reset HEAD

38 What command is used to create a new tag and associate it with a specific commit?

a. git add-tag

b. git tag

c. git create-tag

d. git tag-commit

39 How do you view the branches merged into the current branch?

a. git merged-branches

b. git branch --merged

c. git show-merged

d. git branches-merged

40 What is the purpose of the git rebase command?

a. Merge branches

b. Update the local repository

c. Rewrite commit history

d. Switch to a different branch

41 How do you squash multiple commits into one in Git?

a. git squash

b. git merge --squash

c. git rebase --squash

d. git commit --squash

42 What command is used to view the changes between two commits?

a. git compare

b. git diff

c. git show-diff

d. git commit-diff

43 How do you view the branches not yet merged into the current branch?

a. git branches-unmerged

b. git branch --no-merge

c. git show-unmerged

d. git branch -v

44 What does the command git branch without any options show?

a. View the branches and their last commit

b. View the branch details

c. View the branches and their tracking branches

d. View the current branch

45 How do you create a new branch and set it to track a remote branch in one command?

a. git branch --track

b. git checkout -t origin/branch-name

c. git create-branch -t origin/branch-name

d. git switch -t origin/branch-name

46 What command is used to delete a remote branch in Git?

a. git remove-remote-branch

b. git delete-remote-branch

c. git push origin --delete branch-name

d. git remote-delete branch-name

47 How do you list the files changed in a specific commit?

a. git files commit-hash

b. git show commit-hash

c. git diff commit-hash

d. git list commit-hash

48 What command is used to view the commit history in a condensed format?

a. git log -oneline

b. git log -brief

c. git log --short

d. git log -compact

49 How do you discard all changes in the staging area?

a. git reset

b. git reset --soft

c. git reset --mixed

d. git reset --hard

50 What command is used to view the details of a specific tag?

a. git show tag-name

b. git tag-details tag-nae data using checkout command

me

c. git tag -v tag-name

d. git tag-info tag-name

1,what is Git?

2,Diff between cVSS and DVCS?

3,what all the remote repositories we have for Git?

4,what is git branch and clone?

5, pull the data

6,why devops need Git.

7,what is read me file

8,how to create read me file in git hub