

GIT Repository

Score: 7/7



1. What is a Git repository?

A folder that contains only the latest version of the project files.

A storage location where a project's files and the full history of changes are stored.

A file that contains the list of all contributors to the project.

A web-based platform for hosting code repositories.

Explanation

A Git repository is a storage location where a project's files and the full history of changes are stored. It allows multiple developers to collaborate on the same project.



2. Which command is used to create a new Git repository?

git new

git create

git init

git start

Explanation

The 'git init' command is used to create a new Git repository in the current directory.



3. What does 'git log' command do?

Displays the status of the working directory and staging area.

Displays the commit history of the repository.

Restores the working directory to the last committed state.

Creates a new commit with the changes in the working directory.

Explanation

'git log' command displays the commit history of the repository.



4. What does a commit represent in Git?

A folder containing project files.

A specific point in time showing the project's history.

A snapshot of the project at a specific point in time, capturing changes made to the files.

A log of developer activity within the project.

Explanation

A commit in Git represents a snapshot of the project at a specific point in time, capturing changes made to the files.



5. What does 'git diff' command do?

Shows the changes between the working directory and the staging area.

Explanation

'git diff' command shows the changes between the working directory and the staging area.

Undoes changes in the working directory.

Reverts the repository to a previous commit.

Compares two different branches of the repository.



6. What can 'git restore' command be used for?

Create a new branch in the repository.

Discard all changes and revert to the last commit.

Restore working tree files.

Merge two branches in the repository.

Explanation

'git restore' command can be used to restore working tree files.



7. What does the .gitignore file do?

Specifies files to be included in the Git repository.

Specifies intentionally untracked files that Git should ignore.

Specifies files to be reverted to the last committed state.

Specifies files to be compared using 'git diff'.

Explanation

A .gitignore file specifies intentionally untracked files that Git should ignore.