

Quiz

Score: 5/5

1. What does 'git checkout' command do?

Switch to a different branch

Delete the current branch

Create a new branch

Merge two branches

Explanation

The 'git checkout' command is used to switch between different branches, restore working tree files, or restore the working directory to the state in a commit.



2. What is the purpose of 'soft', 'mixed', and 'hard' reset in Git?

To move the HEAD to a specific commit

To create a new branch

To delete all commits

To merge two branches

Explanation

In Git, 'soft', 'mixed', and 'hard' reset are used to move the HEAD and current branch pointer to a specific commit, while modifying the staging area and working directory differently.



3. What is the purpose of .gitignore file in a Git repository?

To track all files

To specify which files Git should ignore

To commit all files automatically

To delete all files

Explanation

The .gitignore file is used to specify intentionally untracked files that Git should ignore. This is useful for ignoring auto-generated files, build artifacts, and other files that you don't want to commit.



4. Which type of files should be listed in the .gitignore file?

Only source code files

Files containing documentation

Auto-generated files and build artifacts

All image files

Explanation

In the .gitignore file, you should list files that are generated during the build process, log files, editor backup files, and other files that don't belong in the repository.



5. What happens if a file is already tracked by Git before adding it to .gitignore?

Git automatically untracks the file

The file will be ignored by Git

Explanation

If a file is already tracked by Git before adding it to .gitignore, it will continue to be tracked until it is explicitly deleted from the repository using 'git rm'.

It will continue to be tracked by Git

The file will be moved to a different branch