

Can you keep track of changes to files within projects using Git?

Yes, Git is a version control system designed to help users keep track of changes to files within their projects.

GitHub provides you with many options for cloning a repository. With which of the following options do you need to set up SSH keys and assign them to the user accounts?

GitHub allows you to connect using the Secure Shell Protocol (SSH). This provides you with a secure channel over an unsecured network.

You are working on a project and have to share some code with a colleague. What is the correct order the code will flow in Git workflow?

workflow is from the working directory to the staging area, then to committed files, remote repository and lastly to your colleague.

You've learned that Git works on the principles of the edit, stage, and commit pattern. But when you edit a file in your Git working directory it will not be tracked until it's added. You can do this by using the Git commit command.

False, you use the Git add command to tell Git that the file is staged to be committed and that any further changes to the file will be tracked going forward.

The purpose of a pull request is to obtain a peer review of changes made to the branch. In other words, to validate that the changes are correct.

True, when you create a pull request you are asking the other developers to review your work and approve it to be merged with the repository.

You have created a new local repository called "test-repo". Which command would you use to set the remote repository in git?

Git remote, you would use the Git remote command to set the remote repository.

When you perform a Git Push command, it copies content from your local repository and then uses it to merge all of the content in the remote repository.

False, when you use Git Push, Git compares a snapshot of your local repository with the remote one and only replaces the files that have been changed.

As part of a development team tasked to change an existing app, you have created a feature branch. Is it possible for your team members to see the changes you are currently working on?

Yes, the branch you created, is only visible to you. You have to commit your changes and push the accepted changes to the main server before your team members can see them.

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You have returned to development of your hotel booking app after some time away, and want to see the last changes you made. At which levels can you compare the differences between versions using Git diff?

Individual files, branches, and commits can all be compared with Git diff.

You are a team leader at a software development company. You run the git blame command to see the changes on all the files for the week. What is the order in which the change information will display in each line?

The order in which the change information will display in each line as follows:

<ID><Author><Date><Time><Line number><Content>