
Explain 10. git branch <branch-name> – Create a new branch.

In Git, branches are used to manage different lines of development. The command:

bash

```
git branch <branch-name>
```

Explanation:

- This command creates a new branch with the name specified by <branch-name>.
- It does **not** switch to the new branch immediately; it simply creates it.
- Branches are like independent workspaces within the repository. You can use them to work on new features, fix bugs, or experiment without affecting the main codebase.

Example:

bash

```
git branch feature-login
```

- This creates a branch called feature-login.
- To switch to this branch, you would use:

bash

```
git checkout feature-login
```

or the more modern command:

bash

```
git switch feature-login
```

Additional Notes:

- You can view all branches using:

bash

```
git branch
```

- The currently active branch will be marked with an asterisk (*).

Would you like further details on managing branches, like how to merge or delete them?

