**Git – Commands Assignment**

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Task 1: Repository Setup

1. Create a folder named git-assignment-yourfullname
2. Navigate into the folder
3. Initialize Git repository
4. Create a file named index.txt
5. Check repository status
6. Stage the file
7. Commit with message: Initial project setup



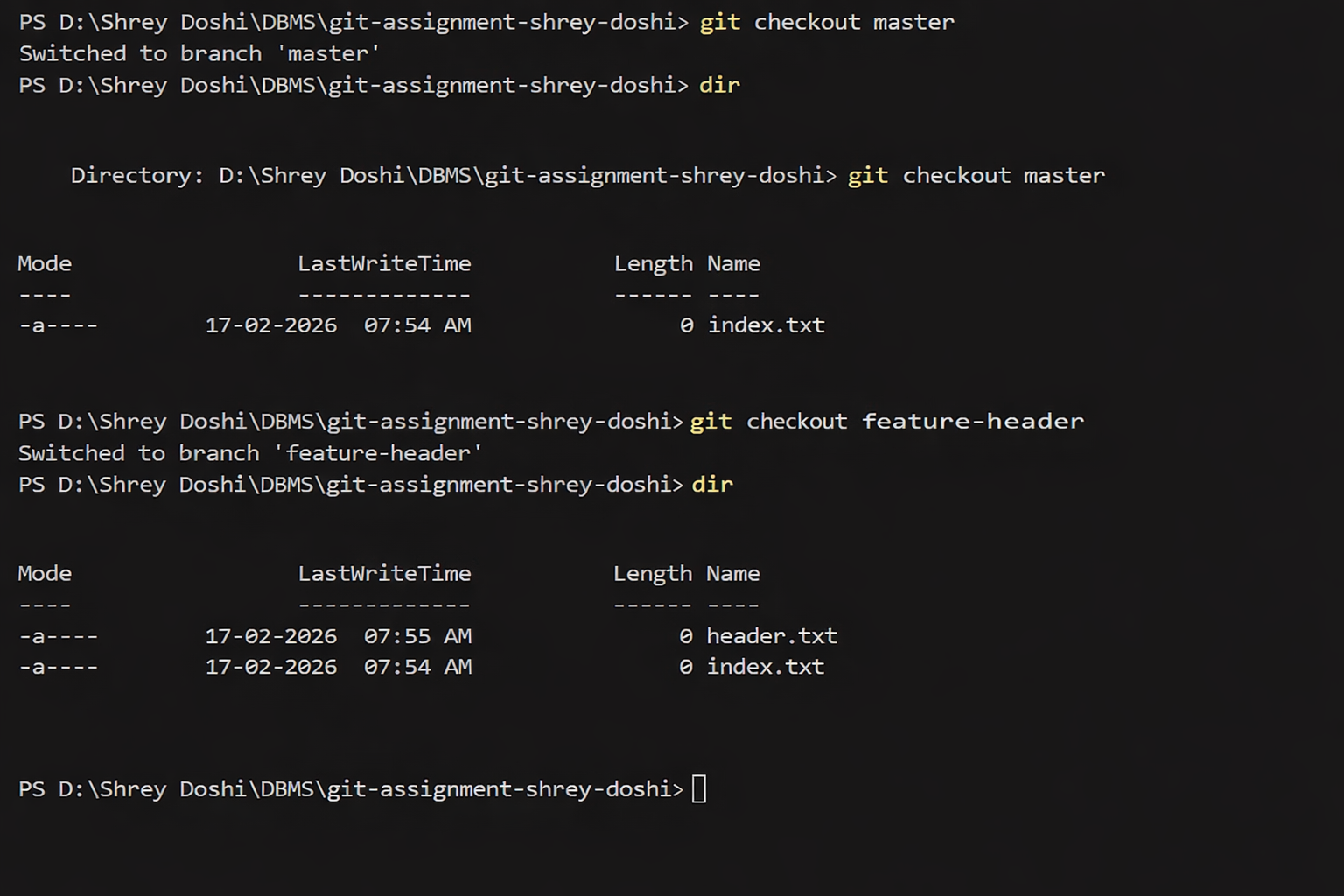
Task 2: Branch Creation & Work

1. Create a branch named feature-header
2. Switch to feature-header
3. Create a file named header.txt
4. Stage the file
5. Commit with message: Added header section



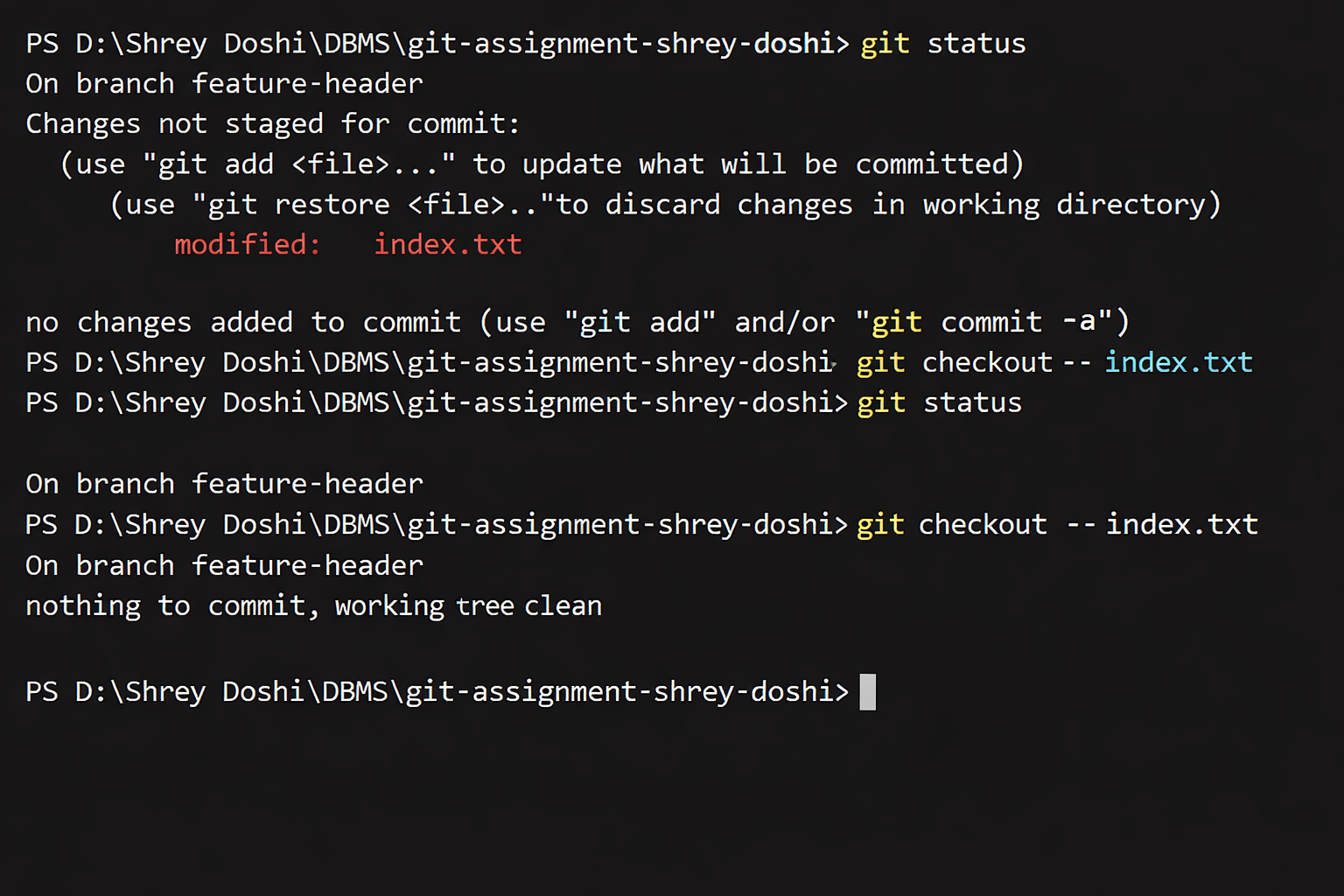
Task 3: Branch Switching Observation

1. Switch back to master
2. List files and observe
3. Switch again to feature-header
4. List files and observe



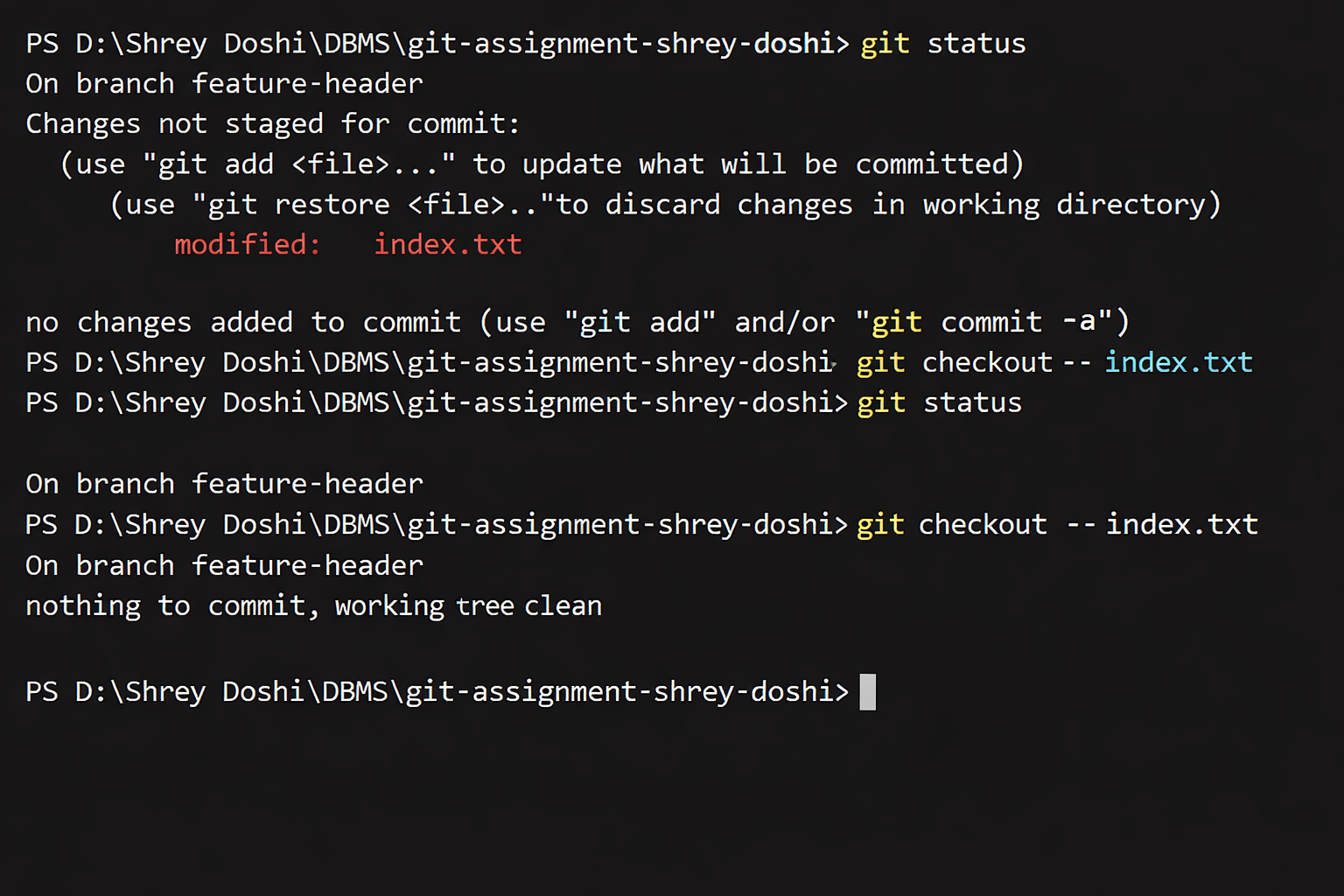
Task 4: Undo a Mistake

1. In feature-header, modify index.txt
2. Check repository status
3. Undo the change using Git
4. Verify status again



Task 5: Merge Feature Branch

1. Switch to master
2. Merge feature-header
3. Verify merged files
4. Check commit history



Task 6: Checkout a Commit (Detached HEAD)

1. View commit history
2. Checkout any older commit
3. Check current branch status
4. Switch back safely to master

