Please follow the instructions to complete the hands-on. Each instruction expects a command for the Git Bash.

1. Verify if master is in clean state.
2. List out all the available branches.
3. Pull the remote git repository to the master
4. Push the changes, which are pending from **“Git-T03-HOL\_002”** to the remote repository.
5. Observe if the changes are reflected in the remote repository.

**Repository link:**  
<https://github.com/rishi-demo/GitDemo>

**Verify if the master branch is in a clean state**

Before pushing or pulling, ensure that your local master branch has no uncommitted changes. The command git status shows if the working directory is clean.

* **List all available branches**

Use git branch -a to list all local and remote branches. This helps confirm the branches present in your repository.

* **Pull the latest changes from the remote master branch**

Synchronize your local master with the remote master branch by running git pull origin master. This ensures your local branch is up-to-date.

* **Push local commits from the master branch to the remote**

Push your committed changes to the remote repository using git push origin master. This updates the remote repository with your local work.

* **Verify if changes are reflected in the remote repository**

Check the remote repository through the GitHub or GitLab web interface to confirm that your push was successful. Alternatively, fetch remote changes and check logs using:

bash

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git fetch origin

git log origin/master --oneline -5

**OUTPUT:**





