# Git-HOL-Solutions5

## Objective

Learn how to clean up your local Git repository and push changes back to the remote.

## Prerequisites

1. Git installed and configured (username, email, preferred editor).  
2. Remote repository connected (GitHub/GitLab).  
3. Hands-on ID: Git-T03-HOL\_002.

## Step 1: Verify master is clean

# Switch to master  
git checkout master  
  
# Check for uncommitted changes  
git status

## Step 2: List all branches

# List local and remote branches  
git branch -a

## Step 3: Pull latest changes from remote

# Ensure your local master is up to date  
git pull origin master

## Step 4: Push pending changes to remote

# Stage any pending changes  
git add .  
  
# Commit changes  
git commit -m "Push changes from Git-T03-HOL\_002"  
  
# Push to remote  
git push origin master

## Step 5: Verify changes on remote

# Option 1: Check via browser in remote repository  
# Option 2: Fetch and view latest log  
git fetch origin  
git log origin/master --oneline

## Verification Checklist

✓ Local master branch clean before push  
✓ Latest changes pulled from remote before push  
✓ Pending changes committed and pushed successfully  
✓ Changes visible in remote repository