# Git HOL - 1

## Step 1: Configure Git

1. Open Git Bash/cmd.

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2. Configure your Git username and email  
 git config --global user.name "Your Name"  
 git config --global user.email "you@example.com"  
3. Verify configuration:  
 git config --global --list

## Step 2: Create Local Git Repository

1. Create a folder for your project:  
 mkdir GitDemo  
 cd GitDemo  
2. Initialize repository:  
 git init  
3. Verify hidden .git folder exists:  
 ls -a

## Step 4: Create and Commit a File

1. Create a file:  
 echo "Welcome to Git Demo" > welcome.txt  
2. View file content:  
 cat welcome.txt

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3. Check Git status:  
 git status  
4. Add file to staging:  
 git add welcome.txt  
5. Commit file:  
 git commit -m "Added welcome.txt file"

A screen shot of a computer program

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## Step 5: Connect to Remote and Push

1. Create a repository named GitDemo in GitLab/GitHub.  
2. Link remote repository:  
 git remote add origin https://github.com/TheDarkW3b/GitDemo   
3. Push local changes:  
 git push origin master  
A screen shot of a computer code

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