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Windows PowerShell
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PS C:\Users\OMEN\OneDrive\Desktop> mkdir GitDemo


    Directory: C:\Users\OMEN\OneDrive\Desktop


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         09-08-2025     11:49                GitDemo



PS C:\Users\OMEN\OneDrive\Desktop> cd GitDemo
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> echo "welcome to the version control" >> welcome.txt
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```
Windows PowerShell
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> ls


    Directory: C:\Users\OMEN\OneDrive\Desktop\GitDemo


Mode                 LastWriteTime         Length Name
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-a----         09-08-2025     11:50             66 welcome.txt


PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git status
fatal: not a git repository (or any of the parent directories): .git
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git init
Initialized empty Git repository in C:/Users/OMEN/OneDrive/Desktop/GitDemo/.git/
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        welcome.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git add welcome.txt
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git commit -m "Initial Commit"
[master (root-commit) d16f4e6] Initial Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 welcome.txt
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo>
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Windows PowerShell
 * [new branch]      main       -> origin/main
fatal: refusing to merge unrelated histories
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git push -u origin main
To gitlab.com:gitdemo3363632/GitDemo.git
 ! [rejected]        main -> main (non-fast-forward)
error: failed to push some refs to 'gitlab.com:gitdemo3363632/GitDemo.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git pull origin
You asked to pull from the remote 'origin', but did not specify
a branch. Because this is not the default configured remote
for your current branch, you must specify a branch on the command line.
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git pull origin main
From gitlab.com:gitdemo3363632/GitDemo
 * branch            main       -> FETCH_HEAD
fatal: refusing to merge unrelated histories
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git push -uf origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 270 bytes | 135.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: GitLab: You are not allowed to force push code to a protected branch on this project.
To gitlab.com:gitdemo3363632/GitDemo.git
 ! [remote rejected] main -> main (pre-receive hook declined)
error: failed to push some refs to 'gitlab.com:gitdemo3363632/GitDemo.git'
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo> git push -uf origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 270 bytes | 270.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To gitlab.com:gitdemo3363632/GitDemo.git
 + 3800439...d16f4e6 main -> main (forced update)
branch 'main' set up to track 'origin/main'.
PS C:\Users\OMEN\OneDrive\Desktop\GitDemo>
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