

Output

```
MINGW64/c/Users/aaith
aaith@MINGW64 ~ (master)
$ git branch GitNewBranch
fatal: not a valid object name: 'master'

aaith@MINGW64 ~ (master)
$ git branch -a
$ AC

aaith@MINGW64 ~ (master)
$ git init
Reinitialized existing Git repository in C:/Users/aaith/.git/

aaith@MINGW64 ~ (master)
$ echo "# Initial commit" > README.md

aaith@MINGW64 ~ (master)
$ git add README.md
fatal: Unable to create 'C:/Users/aaith/.git/index.lock': File exists.

Another git process seems to be running in this repository, e.g.
an editor opened by 'git commit'. Please make sure all processes
are terminated then try again. If it still fails, a git process
may have crashed in this repository earlier:
remove the file manually to continue.

aaith@MINGW64 ~ (master)
$ git commit -m "commit nad push"
fatal: Unable to create 'C:/Users/aaith/.git/index.lock': File exists.

Another git process seems to be running in this repository, e.g.
an editor opened by 'git commit'. Please make sure all processes
are terminated then try again. If it still fails, a git process
may have crashed in this repository earlier:
remove the file manually to continue.

aaith@MINGW64 ~ (master)
$ AC

aaith@MINGW64 ~ (master)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the nex
t time Git touches it

aaith@MINGW64 ~ (master)
$ git commit -m "commit nad push"
[master (root-commit) f26cffc] commit and push
1 file changed, 1 insertion(+)
create mode 100644 README.md

aaith@MINGW64 ~ (master)
$ git branch GitNewBranch

aaith@MINGW64 ~ (master)
$ git branch
* GitNewBranch
  master

aaith@MINGW64 ~ (master)
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* GitNewBranch
  master

aaith@MINGW64 ~ (master)
```

```
MINGW64/c/Users/aalth
$ git branch
  GitNewBranch
* master

aalth@MINGW64:~/MINGW64 - (master)
$ git checkout GitNewBranch
Switched to branch 'GitNewBranch'

aalth@MINGW64:~/MINGW64 - (GitNewBranch)
$ echo "File for GitNewBranch" > file_branch.txt

aalth@MINGW64:~/MINGW64 - (GitNewBranch)
$ git add file_branch.txt
warning: in the working copy of 'file_branch.txt', LF will be replaced by CRLF t
he next time git touches it

aalth@MINGW64:~/MINGW64 - (GitNewBranch)
$ git commit -m "Added file_branch.txt to GitNewBranch"
[GitNewBranch 62a5bb7] Added file_branch.txt to GitNewBranch
1 file changed, 1 insertion(+)
create mode 100644 file_branch.txt

aalth@MINGW64:~/MINGW64 - (GitNewBranch)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
warning: could not open directory 'Documents/My Videos/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'Sendto/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
on branch GitNewBranch
untracked files:
  (use "git add <file>..." to include in what will be committed)
        .arduino/
        .bash_history
        .bash_profile
        .bashrc
        .bitio/
        .cache/
        .codeagent/
        .config/
        .docker/
        .dotnet/
        .gitconfig
        .gradle/
        .idlerc/
        .ipython/
        .keras/
        .lessht
        .m2/
        .matplotlib/
        .ollama/
        .packettracer
        .phvm/
```

```
MINGW64/c/Users/aalth
        .bash_profile
        .bashrc
        .bitio/
        .cache/
        .codeagent/
        .config/
        .docker/
        .dotnet/
        .gitconfig
        .gradle/
        .idlerc/
        .ipython/
        .keras/
        .lessht
        .m2/
        .matplotlib/
        .ollama/
        .packettracer
        .phvm/
        .quokka/
        .redhat/
        .ssh/
        .streamlit/
        .th-client/
        .vscode/
        01 chatgpt simple
        02 chatgpt chat assistant copy.py
        03 chatgpt chat assistant website.py
        AppData/
        Cisco Packet Tracer 8.2.2/
        Contacts/
        Desktop/
        Downloads/
        Favorites/
        GitDemo/
        LeetCode-CodeChallenges/
        links/
        Microsoft/
        Music/
        NTUSER.DAT
        NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94eaal].TM.bif
        NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94eaal].TM.container000000000000
00000001.regtrans-ms
        NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94eaal].TM.container000000000000
00000002.regtrans-ms
        OneDrive/
        Oracle/
        Saved Games/
        Searches/
        Videos/
        VoxEdit/
        WPS Cloud Files/
        ai-cookbook/
        awesome-ai-apps-and-agents/
        battery-report.html
        cd
        certies/
        gradimity/
        home.png
        machine_learning
        machine_learning.pub
```

```
MINGW64/c/Users/aaih
version
nothing added to commit but untracked files present (use "git add" to track)

aaih@MINGW64 ~ (GitNewBranch)
$ git checkout master
Switched to branch 'master'

aaih@MINGW64 ~ (master)
$ git diff master GitNewBranch
diff --git a/file_branch.txt b/file_branch.txt
new file mode 100644
index 0000000..7fe4776
--- /dev/null
+++ b/file_branch.txt
@@ -0,0 +1 @@
+file for gitNewBranch

aaih@MINGW64 ~ (master)
$ git config --global diff.tool p4merge

aaih@MINGW64 ~ (master)
$ git config --global difftool.prompt false

aaih@MINGW64 ~ (master)
$ git difftool master GitNewBranch
The diff tool p4merge is not available as 'p4merge'
fatal: external diff died, stopping at file_branch.txt

aaih@MINGW64 ~ (master)
$ git merge GitNewBranch
Updating f26cffc..62a5bb7
Fast-forward
 file_branch.txt | 1 +
 1 file changed, 1 insertion(s)
 create mode 100644 file_branch.txt

aaih@MINGW64 ~ (master)
$ git log --oneline --graph --decorate
* 62a5bb7 (HEAD -> master, GitNewBranch) Added file_branch.txt to GitNewBranch
* f26cffc commit and push

aaih@MINGW64 ~ (master)
$ git branch -d GitNewBranch
Deleted branch GitNewBranch (was 62a5bb7).

aaih@MINGW64 ~ (master)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
warning: could not open directory 'Documents/My Videos/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
```

```
MINGW64/c/Users/aaih
Untracked files:
(use "git add <file>..." to include in what will be committed)

.arduinoIDE/
.bash_history
.bash_profile
.bashrc
.blto/
.cache/
.codegpt/
.config/
.docker/
.dotnet/
.gitconfig
.gradle/
.idlerc/
.python/
.keras/
.lessshst
.n2/
.matplotlib/
.ollama/
.packettracer
.phva/
.quokka/
.redux/
.ssh/
.streallit/
.thclient/
.vscode/
01 chatgpt simple
02 chatgpt chat assistant copy.py
03 chatgpt chat assistant website.py
AppData/
Cisco Packet Tracer 8.2.2/
Contacts/
Desktop/
Downloads/
Favorites/
GitDemo/
LeetCode-CodeChallenges/
Links/
Microsoft/
Music/
NTUSER.DAT
NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94ea1].m.b1f
NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94ea1].m.Container000000000000
00000001.regtrans-ms
NTUSER.DAT[2ad838bc-efea-11ee-a54d-000d3a94ea1].m.Container000000000000
00000002.regtrans-ms
OneDrive/
Oracle/
Saved Games/
Searches/
Videos/
Voicedit/
WPS Cloud Files/
ai-cookbook/
awesome-ai-apps-and-agents/
battery-report.html
cd
certies/
```

```

MINGW64/c/Users/aiith
nothing added to commit but untracked files present (use "git add" to track)
aiith@MINGW64 ~ (master)
$ git remote add origin https://gitlab.com/aiithi-group/aiithi-project.git
aiith@MINGW64 ~ (master)
$ git push -u origin GitnewBranch
error: src refspec GitnewBranch does not match any
error: failed to push some refs to 'https://gitlab.com/aiithi-group/aiithi-proje
ct.git'
aiith@MINGW64 ~ (master)
$ git remote -v
origin https://gitlab.com/aiithi-group/aiithi-project.git (fetch)
origin https://gitlab.com/aiithi-group/aiithi-project.git (push)
aiith@MINGW64 ~ (master)
$ git push -u origin GitnewBranch
error: src refspec GitnewBranch does not match any
error: failed to push some refs to 'https://gitlab.com/aiithi-group/aiithi-proje
ct.git'
aiith@MINGW64 ~ (master)
$ AC
aiith@MINGW64 ~ (master)
$ git checkout master
Already on 'master'
aiith@MINGW64 ~ (master)
$ git checkout -b GitnewBranch
Switched to a new branch 'GitnewBranch'
aiith@MINGW64 ~ (GitnewBranch)
$ echo "This is a new feature branch" > demo.txt
aiith@MINGW64 ~ (GitnewBranch)
$ git add demo.txt
warning: in the working copy of 'demo.txt', LF will be replaced by CRLF the next
time Git touches it
aiith@MINGW64 ~ (GitnewBranch)
$ git commit -m "Add demo.txt on GitnewBranch"
[GitnewBranch f81038c] Add demo.txt on GitnewBranch
1 file changed, 1 insertion(+)
create mode 100644 demo.txt
aiith@MINGW64 ~ (GitnewBranch)
$ git push -u origin GitnewBranch
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 854 bytes | 854.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for GitnewBranch, visit:
remote: https://gitlab.com/aiithi-group/aiithi-project/-/merge_requests/new?me
rge_requests%5Bsource_branch%5D=GitnewBranch
remote:

```

```

MINGW64/c/Users/aiith
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for GitnewBranch, visit:
remote: https://gitlab.com/aiithi-group/aiithi-project/-/merge_requests/new?me
rge_requests%5Bsource_branch%5D=GitnewBranch
remote:
To https://gitlab.com/aiithi-group/aiithi-project.git
 * [new branch] GitnewBranch -> GitnewBranch
branch 'GitnewBranch' set up to track 'origin/GitnewBranch'.
aiith@MINGW64 ~ (GitnewBranch)
$ git checkout master
Switched to branch 'master'
aiith@MINGW64 ~ (master)
$ git pull origin master
fatal: couldn't find remote ref master
aiith@MINGW64 ~ (master)
$ git merger GitnewBranch
git: 'merger' is not a git command. See 'git --help'.
The most similar command is
merge
aiith@MINGW64 ~ (master)
$ git merge GitnewBranch
Updating 62a5bb7..f81038c
Fast-forward
 demo.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 demo.txt
aiith@MINGW64 ~ (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote: https://gitlab.com/aiithi-group/aiithi-project/-/merge_requests/new?me
rge_requests%5Bsource_branch%5D=master
remote:
To https://gitlab.com/aiithi-group/aiithi-project.git
 * [new branch] master -> master
aiith@MINGW64 ~ (master)
$ git push origin --delete GitnewBranch
To https://gitlab.com/aiithi-group/aiithi-project.git
- [deleted] GitnewBranch
aiith@MINGW64 ~ (master)
$ git log --oneline --graph --decorate
f81038c (HEAD -> master, origin/master, GitnewBranch) Add demo.txt on Gitnewb
ranch
62a5bb7 Added file_branch.txt to GitnewBranch
^ Pacific commit and push
aiith@MINGW64 ~ (master)
$ git branch -d GitnewBranch
Deleted branch GitnewBranch (was f81038c).
aiith@MINGW64 ~ (master)

```

```
MINGW64/C:/Users/aath
ct:git
aath@MINGW64: MINGW64 ~ (master)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
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warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
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on branch master
Untracked Files:
  (use "git add <file>..." to include in what will be committed)
    aath@aath:
    .bash_history
    .bash_profile
    .bashrc
    .bita/
    .cache/
    .codegit/
    .config/
    .docker/
    .dotnet/
    .gitconfig
    .gradle/
    .idlere/
    .ipython/
    .kexa/
    .lesshot
    .m2/
    .Nexus/
    WPS Cloud Files/
    ai-cookbook/
    awesome-ai-apps-and-agents/
    battery-report.html
    cd
    certics/
    gradunity/
    home.png
    machine_learning
    machine_learning.pub
    mkdir
    ntuser.dat.LOG1
    ntuser.dat.LOG2
    ntuser.ini
    player.py
    projects/
    py
    skill vetex.ipynb
    v1.txt
    version

nothing added to commit but untracked files present (use "git add" to track)
```