

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ mkdir file1 file2
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ cd file1
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ touch test.txt test2.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ cd ..
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ cd file2
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ touch test3.txt test4.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ cd ..
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ git init
```

```
Initialized empty Git repository in C:/Users/sonug/OneDrive/Pictures/Desktop/gitTask1/.git/
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ cd file1
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git init
```

```
Initialized empty Git repository in C:/Users/sonug/OneDrive/Pictures/Desktop/gitTask1/file1/.git/
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git remote add origin https://github.com/sonugupta4166/GitTask1.git
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git add .
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git commit -m 'added txtfile in folder1'
```

```
[master (root-commit) 38ac5ea] added txtfile in folder1
```

```
2 files changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 test.txt
```

```
create mode 100644 test2.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git push origin master
```

```
git: 'credential-manager-core' is not a git command. See 'git --help'.
```

```
Enumerating objects: 3, done.
```

```
Counting objects: 100% (3/3), done.
```

```
Delta compression using up to 16 threads
```

```
Compressing objects: 100% (2/2), done.
```

```
Writing objects: 100% (3/3), 228 bytes | 57.00 KiB/s, done.
```

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: Create a pull request for 'master' on GitHub by visiting:

remote: <https://github.com/sonugupta4166/GitTask1/pull/new/master>

remote:

To <https://github.com/sonugupta4166/GitTask1.git>

* [new branch] master -> master

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git checkout -b feature_branch

Switched to a new branch 'feature_branch'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ ls

test.txt test2.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ echo "hello this is content of directory1(folder1)" > test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git status

On branch feature_branch

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test.txt

no changes added to commit (use "git add" and/or "git commit -a")

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git add .

warning: in the working copy of 'test.txt', LF will be replaced by CRLF the next time Git touches it

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git status

On branch feature_branch

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git reset test.txt

Unstaged changes after reset:

M test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git status

On branch feature_branch

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test.txt

no changes added to commit (use "git add" and/or "git commit -a")

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ cat test.txt

hello this is content of directory1(folder1)

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ nano test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git status

On branch feature_branch

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test.txt

no changes added to commit (use "git add" and/or "git commit -a")

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git add .

warning: in the working copy of 'test.txt', LF will be replaced by CRLF the next time Git touches it

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git commit -m 'edited in branch'

[master d7ac37f] edited in branch

1 file changed, 1 insertion(+)

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git push origin master

git: 'credential-manager-core' is not a git command. See 'git --help'.

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 16 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 308 bytes | 102.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To <https://github.com/sonugupta4166/GitTask1.git>

38ac5ea..d7ac37f master -> master

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git switch feature_branch

Switched to branch 'feature_branch'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ ls

test.txt test2.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ cat test.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git commit --amend -m "branch changing"

[feature_branch 79a1933] branch changing

Date: Sat Oct 4 08:27:27 2025 +0530

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 test.txt

create mode 100644 test2.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git switch master

Switched to branch 'master'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git rm feature_branch

fatal: pathspec 'feature_branch' did not match any files

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)

\$ git switch feature_branch

Switched to branch 'feature_branch'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ ls

test.txt test2.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git rm test.txt test2.txt

rm 'test.txt'

rm 'test2.txt'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)

\$ git commit -m 'remove test file'

[feature_branch 299f742] remove test file

2 files changed, 0 insertions(+), 0 deletions(-)

delete mode 100644 test.txt

delete mode 100644 test2.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (feature_branch)


```
$ git switch master
```

```
Switched to branch 'master'
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git merge feature_branch
```

```
fatal: refusing to merge unrelated histories
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ git push origin master
```

```
git: 'credential-manager-core' is not a git command. See 'git --help'.
```

```
Everything up-to-date
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file1 (master)
```

```
$ cd ..
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1 (master)
```

```
$ cd file2
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ git init
```

```
Initialized empty Git repository in C:/Users/sonug/OneDrive/Pictures/Desktop/gitTask1/f  
ile2/.git/
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ git branch branch1 branch2
```

```
fatal: not a valid object name: 'branch2'
```

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)

\$ git branch branch1

fatal: not a valid object name: 'master'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)

\$ git add .

k

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)

\$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: test3.txt

new file: test4.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)

\$ git commit -m 'added file in folder2'

[master (root-commit) d778716] added file in folder2

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 test3.txt

create mode 100644 test4.txt

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)

```
$ git branch feature1
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ git branch feature2
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ git branch
```

```
feature1
```

```
feature2
```

```
* master
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (master)
```

```
$ git switch feature1
```

```
Switched to branch 'feature1'
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ ls
```

```
test3.txt test4.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ echo "hello this file for second branch of second folder"
```

```
hello this file for second branch of second folder
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ echo "hello this file for second branch of second folder" > test3.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git push origin feature
```

```
error: src refspec feature does not match any
```

```
error: failed to push some refs to 'origin'
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git push origin feature1
```

```
fatal: 'origin' does not appear to be a git repository
```

```
fatal: Could not read from remote repository.
```

Please make sure you have the correct access rights

and the repository exists.

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git add .
```

```
warning: in the working copy of 'test3.txt', LF will be replaced by CRLF the next time Git touches it
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git status
```

```
On branch feature1
```

```
Changes to be committed:
```

```
(use "git restore --staged <file>..." to unstage)
```

```
    modified:   test3.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git remote add origin https://github.com/sonugupta4166/GitTask1.git
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git push origin feature1
```

```
git: 'credential-manager-core' is not a git command. See 'git --help'.
```

```
Enumerating objects: 6, done.
```

```
Counting objects: 100% (6/6), done.
```

```
Delta compression using up to 16 threads
```

```
Compressing objects: 100% (5/5), done.
```

```
Writing objects: 100% (6/6), 521 bytes | 260.00 KiB/s, done.
```

```
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

```
remote:
```

```
remote: Create a pull request for 'feature1' on GitHub by visiting:
```

```
remote:  https://github.com/sonugupta4166/GitTask1/pull/new/feature1
```

```
remote:
```

```
To https://github.com/sonugupta4166/GitTask1.git
```

```
* [new branch]   feature1 -> feature1
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)
```

```
$ git switch feature2
```

```
Switched to branch 'feature2'
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ ls
```

```
test3.txt test4.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ echo "this file for feature2 in dir2" > test4.txt
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ git add .
```

warning: in the working copy of 'test4.txt', LF will be replaced by CRLF the next time Git touches it

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ git commit -m 'dir2'
```

```
[feature2 c9bb6f2] dir2
```

```
1 file changed, 1 insertion(+)
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ git push origin feature2
```

```
git: 'credential-manager-core' is not a git command. See 'git --help'.
```

```
Enumerating objects: 5, done.
```

```
Counting objects: 100% (5/5), done.
```

```
Delta compression using up to 16 threads
```

```
Compressing objects: 100% (2/2), done.
```

```
Writing objects: 100% (3/3), 298 bytes | 149.00 KiB/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

```
remote:
```

```
remote: Create a pull request for 'feature2' on GitHub by visiting:
```

```
remote:   https://github.com/sonugupta4166/GitTask1/pull/new/feature2
```

```
remote:
```

```
To https://github.com/sonugupta4166/GitTask1.git
```

```
* [new branch]   feature2 -> feature2
```

```
sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature2)
```

```
$ git switch feature1
```

Switched to branch 'feature1'

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)

\$ git rebase feature2

Successfully rebased and updated refs/heads/feature1.

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)

\$ git fetch origin master

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 6 (delta 0), reused 6 (delta 0), pack-reused 0 (from 0)

Unpacking objects: 100% (6/6), 484 bytes | 16.00 KiB/s, done.

From <https://github.com/sonugupta4166/GitTask1>

* branch master -> FETCH_HEAD

* [new branch] master -> origin/master

sonug@SilentBOy MINGW64 ~/OneDrive/Pictures/Desktop/gitTask1/file2 (feature1)

\$ git fetch origin feature2

From <https://github.com/sonugupta4166/GitTask1>

* branch feature2 -> FETCH_HEAD