

```
C:/Users/Riyadh/Desktop/Riyadh_Alkhwlani/Labs/lab_01
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01
$ git commit -m 'My message'
error: pathspec 'my_repository' does not exist
fatal: not a git repository (or any of the parent directories): .git

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01
$ git config --global user.email "riyadh4it@gmail.com"

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01
$ git init
Initialized empty Git repository in C:/Users/Riyadh/Desktop/Riyadh_Alkhwlani/Labs/lab_01/.git/

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git config --global user.name "Riyadh773"

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git init "my_repository"
Initialized empty Git repository in C:/Users/Riyadh/Desktop/Riyadh_Alkhwlani/Labs/lab_01/my_repository/.git/

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git status
On branch master

No commits yet

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

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

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add 'my_repository'
error: 'my_repository/' does not have a commit checked out
fatal: adding files failed

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add 'text.txt'
fatal: pathspec 'text.txt' did not match any files

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add .
error: 'my_repository/' does not have a commit checked out
fatal: adding files failed

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add main.cpp
fatal: pathspec 'main.cpp' did not match any files

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add my_repository
error: 'my_repository/' does not have a commit checked out
fatal: adding files failed

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ echo "git is great" > meddage.txt
```



```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add message.txt
error: pathspec 'message.txt' did not match any files
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add meddage.txt
warning: in the working copy of 'meddage.txt', LF will be replaced by CRLF the next time Git
touches it
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git add meddage.txt
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git commit -m 'testing my comprehension'
[master (root-commit) b25952b] testing my comprehension
1 file changed, 1 insertion(+)
create mode 100644 meddage.txt
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git log
commit b25952bafa4b64a9a30b1e3aee58b6a5da7bae40 (HEAD -> master)
Author: Riyadh773 <riyadh4it@gmail.com>
Date: Fri Sep 6 04:28:54 2024 +0300
```

testing my comprehension

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git checkout my_repository
error: pathspec 'my_repository' did not match any file(s) known to git
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git checkout meddage.txt
Updated 0 paths from the index
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git branch
* master
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git branch new_branch
```



```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (master)
$ git checkout new_branch
Switched to branch 'new_branch'
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (new_branch)
$ git switch new_branch
Already on 'new_branch'
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (new_branch)
$ git switch -c third_branch
Switched to a new branch 'third_branch'
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (third_branch)
$ git checkout -b forth_branch
Switched to a new branch 'forth_branch'
```

```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwlani/Labs/lab_01 (forth_branch)
```



```
Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git merge bird_branch
date.

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git ls-files
meddage.txt

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git clean -dn

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git clean -df

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git restore meddage.txt

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git restore .

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git rm meddage.txt
rm 'meddage.txt'

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git reset meddage.txt
fatal: ambiguous argument 'meddage.txt': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$ git reset my_repository

Riyadh@DESKTOP-HSJ4389 MINGW64 ~/Desktop/Riyadh_Alkhwani/Labs/lab_01 (forth_branch)
$
```