

```
MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002 (master)
$ mkdir OS_EE24TCD002
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002 (master)
$ cd OS_EE24TCD002
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git init
Initialized empty Git repository in C:/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002/.git/
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ touch practical02.pdf
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ notepad practical02.pdf
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git status
On branch master
```

```
No commits yet
```

```
Untracked files:
(use "git add <file>..." to include in what will be committed)
  practical02.pdf
```

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

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ add practical02.pdf
bash: add: command not found
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git add practical02.pdf
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git commit -m "Added Practical 02 PDF"
Author identity unknown
```

```
*** Please tell me who you are.
```

```
Run
```

```
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
to set your account's default identity.
Omit --global to set the identity only in this repository.
```

```
MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002
fatal: unable to auto-detect email address (got 'Student@DESKTOP-JJ8CFNB.(none)')
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git config --global user.name "Shraddha Agalawe"
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git config --global user.email "shraddhaagalawe868@gmail.com"
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git commit -m "Added Practical 02 file"
[master (root-commit) 9685b76] Added Practical 02 file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 practical02.pdf
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git log --oneline
9685b76 (HEAD -> master) Added Practical 02 file
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git status
On branch master
nothing to commit, working tree clean
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git --version
git version 2.52.0.windows.1
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git help
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
           [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
           [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--no-lazy-fetch]
           [--no-optional-locks] [--no-advice] [--bare] [--git-dir=<path>]
           [--work-tree=<path>] [--namespace=<name>] [--config-env=<name>=<envvar>]
           <command> [<args>]

These are common Git commands used in various situations:
start a working area (see also: git help tutorial)
  clone      Clone a repository into a new directory
  init       Create an empty Git repository or reinitialize an existing one
work on the current change (see also: git help everyday)
  add        Add file contents to the index
  mv        Move or rename a file, a directory, or a symlink
  restore    Restore working tree files
  rm        Remove files from the working tree and from the index
examine the history and state (see also: git help revisions)
```

```
MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002
```

```
examine the history and state (see also: git help revisions)
```

bisect	Use binary search to find the commit that introduced a bug
diff	Show changes between commits, commit and working tree, etc
grep	Print lines matching a pattern
log	Show commit logs
show	Show various types of objects
status	Show the working tree status

```
grow, mark and tweak your common history
```

backfill	Download missing objects in a partial clone
branch	List, create, or delete branches
commit	Record changes to the repository
merge	Join two or more development histories together
rebase	Reapply commits on top of another base tip
reset	Reset current HEAD to the specified state
switch	Switch branches
tag	Create, list, delete or verify tags

```
collaborate (see also: git help workflows)
```

fetch	Download objects and refs from another repository
pull	Fetch from and integrate with another repository or a local branch
push	Update remote refs along with associated objects

```
'git help -a' and 'git help -g' list available subcommands and some  
concept guides. See 'git help <command>' or 'git help <concept>'  
to read about a specific subcommand or concept.  
See 'git help git' for an overview of the system.
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
```

```
$ git help status
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
```

```
$ git init  
Reinitialized existing Git repository in C:/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002/.git/
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
```

```
$ git status  
On branch master  
nothing to commit, working tree clean
```

I

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)  
$ git status -s
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)  
$ git config --global user.name  
Shraddha Agalawe
```

```
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)  
$ git config --global user.email
```

```
MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002
Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git config --global user.email
shraddhaagalaawe868@gmail.com

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git ls-files
practical02.pdf

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git add practical02.pdf

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git add.
git: 'add.' is not a git command. See 'git --help'.
The most similar command is
add

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git add.
git: 'add.' is not a git command. See 'git --help'.
The most similar command is
add

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git add .

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git commit -m "Second commit check"
On branch master
nothing to commit, working tree clean

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git show
commit 9685b76058f62e5bdb17d3d9016734857d6d7991 (HEAD -> master)
Author: Shraddha Agalaawe <shraddhaagalaawe868@gmail.com>
Date:   Sat Jan 17 11:37:24 2026 +0530

    Added Practical 02 file

diff --git a/practical02.pdf b/practical02.pdf
new file mode 100644
index 000000..e69de29
E: unsupported filetype C:\Users\Admin\AppData\Local\Temp/git-blob-a04468/practical02.pdf
fatal: unable to read files to diff

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git log
commit 9685b76058f62e5bdb17d3d9016734857d6d7991 (HEAD -> master)
```

MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002

```
$ git log
commit 9685b76058f62e5bdb17d3d9016734857d6d7991 (HEAD -> master)
Author: Shraddha Agalawe <shraddhaagalawe868@gmail.com>
Date:   Sat Jan 17 11:37:24 2026 +0530

    Added Practical 02 file

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git log --online
fatal: unrecognized argument: --online

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ log --oneline
bash: log: command not found

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git log --oneline
9685b76 (HEAD -> master) Added Practical 02 file

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git log --stat
commit 9685b76058f62e5bdb17d3d9016734857d6d7991 (HEAD -> master)
Author: Shraddha Agalawe <shraddhaagalawe868@gmail.com>
Date:   Sat Jan 17 11:37:24 2026 +0530

    Added Practical 02 file

practical02.pdf | 0
1 file changed, 0 insertions(+), 0 deletions(-)
```

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
\$ git branch
* master

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
\$ git branch test_branch

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
\$ git checkout test_branch
Switched to branch 'test_branch'

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (test_branch)
\$ git checkout master
Switched to branch 'master'

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
\$ git diff

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
\$ git dif --staged

```
MINGW64:/c/Users/Admin/Desktop/OS_EE24TCD002/OS_EE24TCD002
Added Practical 02 file

practical02.pdf | 0
1 file changed, 0 insertions(+), 0 deletions(-)

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git branch
* master

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git branch test_branch

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git checkout test_branch
Switched to branch 'test_branch'

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (test_branch)
$ git checkout master
Switched to branch 'master'

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git diff

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git dif --staged
git: 'dif' is not a git command. See 'git --help'.

The most similar commands are
diff
config
difftool
init
refs

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git diff --staged

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git clean -n

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git reset --soft HEAD

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$ git status
On branch master
nothing to commit, working tree clean

Student@DESKTOP-JJ8CFNB MINGW64 ~/Desktop/OS_EE24TCD002/OS_EE24TCD002 (master)
$
```