

Mukund Karthikeyan

CYS – 23 Batch

```
DELL@DELL-PC MINGW64 ~
$ git config user.name
Mukundvithura

DELL@DELL-PC MINGW64 ~
$ pwd
/c/Users/DELL

DELL@DELL-PC MINGW64 ~
$ git clone https://github.com/Mukundvithura/Mukund_Project.git
Cloning into 'Mukund_Project'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 12 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), done.
Resolving deltas: 100% (1/1), done.

DELL@DELL-PC MINGW64 ~
$ .....
```

Clone

```
Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Your branch is up to date with 'origin/main'.
#
# Changes to be committed:
#   modified:   samp.java
#git commit
~
~
~
~
~
~
~
```

Git edit mode

```

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git add --all

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   samp.java

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git commit
[main 45d6d96] Please enter the commit message for your changes. Lines starting
1 file changed, 1 insertion(+)

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git commit
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)


nothing to commit, working tree clean

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ |


```





Git Add,commit,Status

Git add


Mukund_Project
Public
Pin

main
1 branch
0 tags
Go to file
Add file


 Mukundvithura Add files via upload

	.gitignore	Create .gitignore
	LICENSE.md	Create LICENSE.md
	README.md	Create README.md
	samp.java	Add files via upload

README.md

Create new file

Upload files

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Mukund_Project / in main

Cancel changesCommit changes...

EditPreviewCode 55% faster with GitHub Copilot

Spaces2No wrap

1Fruit List:

2Mangoe

3Jack Fruit

commit

Mukund_Project / in main

Cancel changesCommit changes...

EditPreviewCode 55% faster with GitHub Copilot

Spaces2No wrap

P

Mukundvithura Create Fruits

Drag the cursor around the area you want to capture


Name	Last commit message
.gitignore	Create .gitignore
Fruits	Create Fruits
LICENSE.md	Create LICENSE.md
README.md	Create README.md
samp.java	Add files via upload

Branch Creation

Default branch

main

Updated 2 minutes ago by Mukundvithura



Your main branch isn't protected
Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)

Your branches

College

Updated 2 minutes ago by Mukundvithura

Active branches

College

Updated 2 minutes ago by Mukundvithura

```
DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git add sam.java
fatal: pathspec 'sam.java' did not match any files

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git add samp.java

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git check out samp.java
git: 'check' is not a git command. See 'git --help'.

The most similar command is
  checkout

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git checkout samp.java
Updated 0 paths from the index

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git checkout -b student
Switched to a new branch 'student'

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
```

Branch

Q Search branches...

Overview Yours Active Stale All branches **New branch**

Default branch

main Updated 1 minute ago by Mukundvithura Default

```
$ git status
On branch student
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   bash.exe.stackdump

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git commit
Aborting commit due to empty commit message.

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git commit
Aborting commit due to empty commit message.

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ get commit -m"edit for test"
bash: get: command not found

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git commit -m "edit for test"
[student f53ec75] edit for test
 1 file changed, 37 insertions(+)
 create mode 100644 bash.exe.stackdump

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ |
```

```
[student f53ec75] edit for test
 1 file changed, 37 insertions(+)
 create mode 100644 bash.exe.stackdump

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git commit -a
On branch student
nothing to commit, working tree clean

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ |
```

Commit -a

```

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git commit -a
On branch student
nothing to commit, working tree clean

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git branch
  main
* student

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git branch -r
  origin/HEAD -> origin/main
  origin/main

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git fetch --all
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 1), reused 0 (delta 0), pack-reused
Unpacking objects: 100% (6/6), 1.37 KiB | 5.00 KiB/s, done.
From https://github.com/Mukundvithura/Mukund_Project
 * [new branch]      College      -> origin/College
  05ed178..f66817d  main          -> origin/main

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ |

```

Git fetch

```

Your branch and 'origin/main' have diverged,
and have 1 and 2 different commits each, respectively.
(use "git pull" if you want to integrate the remote branch with yours)

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git branch
* main
  student

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git merge
Merge made by the 'ort' strategy.
 File Protection | 2 ++
  Fruits         | 1 +
 2 files changed, 3 insertions(+)
 create mode 100644 File Protection
 create mode 100644 Fruits

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)

```

Git merge

```

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git fetch
From https://github.com/Mukundvithura/Mukund_Project
 * [new branch]      school      -> origin/school

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ |

```

Git fetch

```

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git pull
Already up to date.

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ |

```

Git pull

```

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git clone https://github.com/Mukundvithura/Mukund_Project.git
Cloning into 'Mukund_Project'...
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 18 (delta 3), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (18/18), done.
Resolving deltas: 100% (3/3), done.

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git branch
  main
* student

DELL@DELL-PC MINGW64 ~/Mukund_Project (student)
$ git checkout main
Switched to branch 'main'
Your branch and 'origin/main' have diverged,
and have 1 and 2 different commits each, respectively.
(use "git pull" if you want to integrate the remote branch with yours)

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git branch
* main
  student

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git merge
Merge made by the 'ort' strategy.
 File Protection | 2 ++
 Fruits          | 1 +
2 files changed, 3 insertions(+)
create mode 100644 File Protection
create mode 100644 Fruits

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git fetch
From https://github.com/Mukundvithura/Mukund_Project
* [new branch]      school    -> origin/school

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git pull
Already up to date.

DELL@DELL-PC MINGW64 ~/Mukund_Project (main)
$ git push
fatal: User cancelled dialog.

```

```
DELL@DELL-PC MINGW64 /c:/usERS/DELL/Mukund_Project (student)
$ git reset
```

```
DELL@DELL-PC MINGW64 /c:/usERS/DELL/Mukund_Project (student)
```

Git reset