

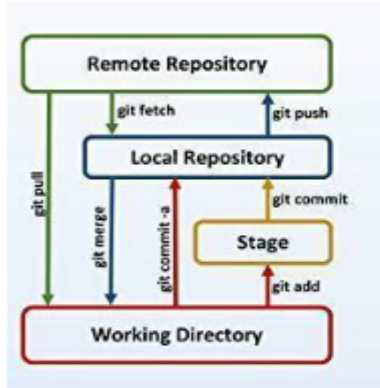
**AI TRENDS**  
**Lab Exercise -- 1**

**Name : ADVAIT GURUNATH CHAVAN**  
**Email ID : [advaitchavan135@gmail.com](mailto:advaitchavan135@gmail.com)**

**CDAC – NOIDA**  
**PGDAI**

## GIT COMMANDS

SUBMIT VIA SCREENSHOT OF YOUR CMD



Q. Create a local git repository in your local machine first.

Commit the initial code

Q. Update the code on the remote server . Also perform some changes on remote n reflect the same on local.[push/pull operations]

Q. Create **g1 branch on the github**.....Add 1 txt file .....Raise a pull request on remote from **g1 towards main**..... and merge without conflicts.

Local git: Use git commands to

- o Get the updated files
- o **Perform reset**
- o List the changes
- o Create **local branches main>>>b1,update.....b1>>>b2,update b2>>>b3** and update them as well.

o List the changes [via diff and via ls]

Demonstrate diff between local branches

Perform **LOCAL merging** operation and after that delete the unnecessary ones locally as well as remote

Perform fork operations on your repository as well.

Name : ADVAIT GURUNATH CHAVAN  
Email ID : [advaitchavan135@gmail.com](mailto:advaitchavan135@gmail.com)

```
MINGW64/c/Users/Advait/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC
$ cd ASSIGNMENTS -- SOLUTIONS
bash: cd: too many arguments

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC
$ cd "ASSIGNMENTS -- SOLUTIONS"

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS
$ cd "MODULE 3 -- AI TRENDS"

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS
$ cd "ASSIGNMENT_1"

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1
$ cd ASSIGNMENT_1
bash: cd: ASSIGNMENT_1: No such file or directory

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1
$ mkdir ASSIGNMENT_1

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1
$ cd ASSIGNMENT_1

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1
$ git init
Initialized empty Git repository in C:/Users/Advait/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/.git/

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$
```

```
# cd ASSIGNMENT_1
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1
```

```
$ git init
```

```
Initialized empty Git repository in C:/Users/Advait/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/.git/
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
```

```
$ git add .
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
```

```
$ git add "Test_1.txt"
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
```

```
$ git commit -m "Initial Commit"
```

```
[master (root-commit) 9413ada] Initial Commit
```

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

```
create mode 100644 Test_1.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git remote set-url origin https://github.com/ADVAIT135/CDAC.git
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git remote -v
origin https://github.com/ADVAIT135/CDAC.git (fetch)
origin https://github.com/ADVAIT135/CDAC.git (push)
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 252 bytes | 126.00 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/ADVAIT135/CDAC/pull/new/master
remote:
To https://github.com/ADVAIT135/CDAC.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

ADVAIT135 / CDAC

Type / to search

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CDAC Public

Pin Unwatch 1 Fork 0 Star 0

master had recent pushes 1 minute ago Compare & pull request

main 2 Branches 0 Tags Go to file Add file Code

ADVAIT135 Create README.md aa25d25 · 33 minutes ago 25 Commits

1. Python Programming	CDAC Module 1 -- Python Programming -- Lab Exercise 11	3 weeks ago
2. Fundamentals of Artificial Intelligence	FUNDAMENTAL OF ARTIFICIAL INTELLIGENCE __ LAB EXERCI...	12 hours ago
3. AI TRENDS	Create README.md	33 minutes ago
LICENSE	Create LICENSE	last month
README.md	Initial commit	last month

README GPL-3.0 license

About

This Repository consists of all lab exercises, assignments done during the CDAC DAI online course from March 2025 to Aug 2025

mathematics pandas python3 artificial-intelligence dai cdac cdac-noida

Readme GPL-3.0 license Activity 0 stars 1 watching 0 forks

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CDAC Public

Pin Unwatch 1 Fork 0 Star 0

master had recent pushes 2 minutes ago

Compare & pull request

master 2 Branches 0 Tags

Go to file

Add file

<> Code

This branch is 1 commit ahead of, 25 commits behind main

Contribute

ADVAIT135 Initial Commit 9413ada · 14 minutes ago 1 Commit

Test\_1.txt Initial Commit 14 minutes ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

About

This Repository consists of all lab exercises, assignments done during the CDAC DAI online course from March 2025 to Aug 2025

mathematics pandas python3 artificial-intelligence dai cdac cdac-noida

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No releases published

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master

CDAC / Test\_1.txt

Go to file

ADVAIT135 Initial Commit

9413ada · 15 minutes ago

History

Code

Blame

1 lines (1 loc) · 35 Bytes

Raw

1 This is my first git bash test file

ADVAIT135 / CDAC

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<> Code

Issues

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Insights

Settings

CDAC / test\_2.txt in master

Edit

Preview

1 File Created using Remote server.

Commit changes

Commit message

Create test\_2.txt

Extended description

Add an optional extended description...

☒ Commit directly to the master branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel

Commit changes

Cancel changes

Commit changes...

Spaces 2 No wrap

Use Control + Shift + m to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.



Sign in

Classwork for AI TRENDS AND CC

Microsoft Copilot: Your AI compa

CDAC/ at master · ADVAIT135/CD

127.0.0.1:59693/?code=69c7f3546

https://github.com/ADVAIT135/CDAC/tree/master

Life Insurance Corp... YouTubewww.youtu... - Digitally signed Sa... My Captain Classroom Classroom Official\_1 Virtual Labs Mathway | Calculus... Inverse Laplace Tran... inverse laplace 1/(s...

ADVAIT135 / CDAC

Type / to search

Code Issues Pull requests Actions Projects Security Insights Settings

master

CDAC /

Go to file

Add file

ADVAIT135

Create test\_2.txt

2e1feed · now

History

This branch is 2 commits ahead of, 25 commits behind main

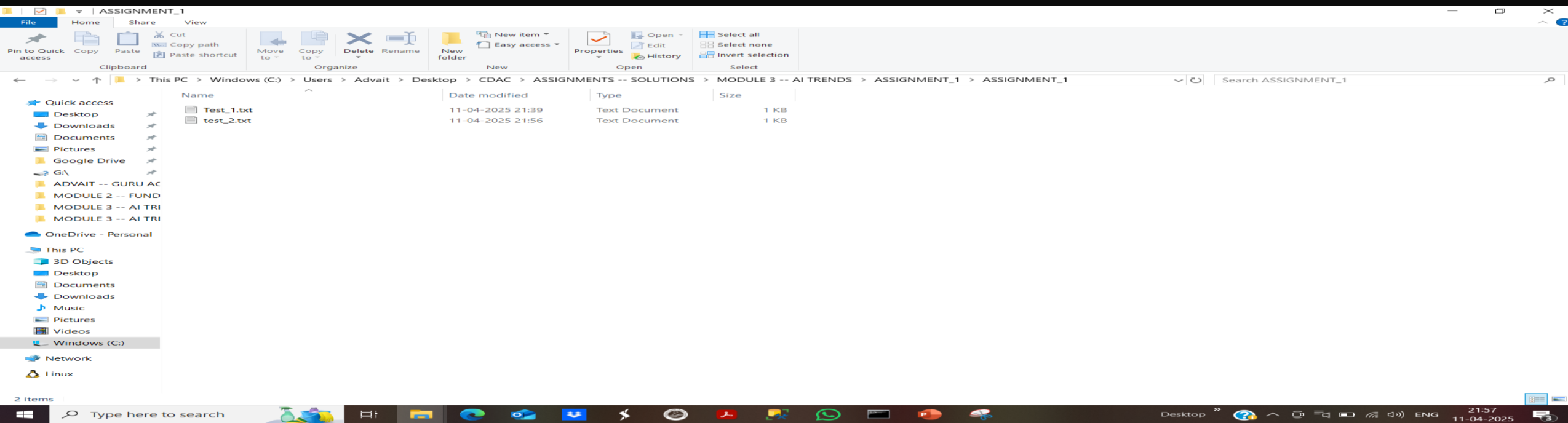
Contribute

Name	Last commit message	Last commit date
Test_1.txt	Initial Commit	16 minutes ago
test_2.txt	Create test_2.txt	now

Type here to search

Desktop 21:56 11-04-2025

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 971 bytes | 4.00 KiB/s, done.
From https://github.com/ADVAIT135/CDAC
* branch                master      -> FETCH_HEAD
   9413ada..2e1feed      master      -> origin/master
Updating 9413ada..2e1feed
Fast-forward
 test_2.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 test_2.txt
```



```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
```

```
$ git checkout -b g1
```

```
Switched to a new branch 'g1'
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (g1)
```

```
$ echo "This is the g1 branch file" > g1_file.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (g1)
```

```
$ git add g1_file.txt
```

```
warning: in the working copy of 'g1_file.txt', LF will be replaced by CRLF the next time Git touches it
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (g1)
```

```
$ git commit -m "Add g1_file.txt in g1 branch"
```

```
[g1 a1e01a0] Add g1_file.txt in g1 branch
```

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

```
create mode 100644 g1_file.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (g1)
```

```
$ git push -u origin g1
```

```
Enumerating objects: 4, done.
```

```
Counting objects: 100% (4/4), done.
```

```
Delta compression using up to 4 threads
```

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

```
Writing objects: 100% (3/3), 351 bytes | 175.00 KiB/s, done.
```

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

```
remote:
```

```
remote: Create a pull request for 'g1' on GitHub by visiting:
```

```
remote: https://github.com/ADVAIT135/CDAC/pull/new/g1
```

```
remote:
```

```
To https://github.com/ADVAIT135/CDAC.git
```

```
* [new branch] g1 -> g1
```

```
branch 'g1' set up to track 'origin/g1'.
```

File Explorer window titled "ASSIGNMENT\_1". The address bar shows the path: This PC > Windows (C:) > Users > Advait > Desktop > CDAC > ASSIGNMENTS -- SOLUTIONS > MODULE 3 -- AI TRENDS > ASSIGNMENT\_1 > ASSIGNMENT\_1. The search bar contains "Search ASSIGNMENT\_1".

The left sidebar shows the navigation pane with "Quick access" and "OneDrive - Personal" sections. The "This PC" section is expanded, showing "Desktop", "Downloads", "Documents", "Pictures", "Videos", and "Windows (C:)" (selected). The "Windows (C:)" section shows "3 items".

The main pane displays a table of files:

Name	Date modified	Type	Size
g1_file.txt	11-04-2025 21:58	Text Document	1 KB
Test_1.txt	11-04-2025 21:39	Text Document	1 KB
test_2.txt	11-04-2025 21:56	Text Document	1 KB

Sign in

Classwork for AI TRENDS AND CO x

Microsoft Copilot: Your AI compa x

ADVAIT135/CDAC at g1 x

127.0.0.1:59693/?code=69c7f354 x

https://github.com/ADVAIT135/CDAC/tree/g1

Life Insurance Corp... YouTubewww.youtu... - Digitally signed Sa... My Captain Classroom Classroom Official\_1 Virtual Labs Mathway | Calculus... Inverse Laplace Tran... inverse laplace 1/(s...

ADVAIT135 / CDAC

Type / to search

Code Issues Pull requests Actions Projects Security Insights Settings

CDAC Public

Pin Unwatch 1 Fork 0 Star 0

master had recent pushes 4 minutes ago Compare & pull request

g1 had recent pushes 1 minute ago Compare & pull request

g1 3 Branches 0 Tags

Go to file t Add file <> Code

This branch is 3 commits ahead of, 25 commits behind main . Contribute

ADVAIT135 Add g1\_file.txt in g1 branch a1e01a0 · 1 minute ago 3 Commits

Test_1.txt	Initial Commit	20 minutes ago
g1_file.txt	Add g1_file.txt in g1 branch	1 minute ago
test_2.txt	Create test_2.txt	4 minutes ago

README

About

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mathematics pandas python3 artificial-intelligence dai cdac cdac-noida

GPL-3.0 license Activity 0 stars 1 watching 0 forks

Releases

No releases published [Create a new release](#)

## Open a pull request



## Add a title

Add g1\_file.txt in g1 branch

### Add a description

The image shows a dark-themed user interface for a text editor or note-taking application. At the top, there is a horizontal toolbar with two tabs: 'Write' (active) and 'Preview'. The 'Write' tab contains a series of icons for text formatting: bold (H), italic (B), underline (I), strikethrough (≡), link (◁), unlink (▷), list (≡), ordered list (≡), and indent (≡). To the right of these are icons for inserting a link (🔗), mentioning a user (@), inserting a code block (↗), undo (↶), and redo (↷). Below the toolbar is a large, empty text area with a light gray placeholder text 'Add your description here...'. At the bottom of the interface, there is a status bar with two items: on the left, a small icon followed by the text 'Markdown is supported'; on the right, a small icon followed by the text 'Paste, drop, or click to add files'.

## Create pull request

## Reviewers



No reviews

## Assignees



No one—assign yourself

## Labels



None yet

## Projects



None yet

## Milestone



No milestone

## Development

Use Closing keywords in the description to automatically close issues

## Helpful resources

Sign in

Classwork for AI TRENDS AND CO

Microsoft Copilot: Your AI compa

Add g1\_file.txt in g1 branch by AD

127.0.0.1:59693/?code=69c7f354

https://github.com/ADVAIT135/CDAC/pull/1

Life Insurance Corp... YouTubewww.youtu... - Digitally signed Sa... My Captain Classroom Classroom Official\_1 Virtual Labs Mathway | Calculus... Inverse Laplace Tran... inverse laplace 1/(s...

# Add g1\_file.txt in g1 branch #1

Open

ADVAIT135 wants to merge 1 commit into master from g1

Conversation 0

Commits 1

Checks 0

Files changed 1

+1 -0

ADVAIT135 commented now

Owner

No description provided.

Add g1\_file.txt in g1 branch

a1e01a0

No conflicts with base branch

Merging can be performed automatically.

Merge pull request

You can also merge this with the command line. [View command line instructions.](#)

Add a comment

Write

Preview

H B I

<>

Link

Code

Quote

Undo

Redo

⌨

🔗

📎

👤

📧

📁

📄

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Reviewers

No reviews

Still in progress? [Convert to draft](#)

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

Type here to search

Desktop

22:02

11-04-2025





```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (g1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git pull origin master
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 913 bytes | 12.00 KiB/s, done.
From https://github.com/ADVAIT135/CDAC
* branch                master      -> FETCH_HEAD
   2e1feed..4ab68e4      master      -> origin/master
Updating 2e1feed..4ab68e4
Fast-forward
 g1_file.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 g1_file.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git fetch origin
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git pull origin master
From https://github.com/ADVAIT135/CDAC
 * branch          master      -> FETCH_HEAD
Already up to date.
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git reset --hard HEAD
HEAD is now at 4ab68e4 Merge pull request #1 from ADVAIT135/g1
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git diff HEAD
```

```
$ git diff HEAD
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
```

```
$ git checkout main
```

```
branch 'main' set up to track 'origin/main'.
```

```
Switched to a new branch 'main'
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
```

```
$ git checkout -b b1.update
```

```
Switched to a new branch 'b1.update'
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b1.update)
```

```
$ echo "Update from branch b1" >> update.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b1.update)
```

```
$ git add update.txt
```

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

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b1.update)
```

```
$ git commit -m "Commit update on b1.update"
```

```
[b1.update 6fd9ef8] Commit update on b1.update
```

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

```
create mode 100644 update.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b1.update)
$ git commit -m "Commit update on b1.update"
[b1.update 6fd9ef8] Commit update on b1.update
1 file changed, 1 insertion(+)
create mode 100644 update.txt

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b1.update)
$ git checkout -b b2.update
Switched to a new branch 'b2.update'

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b2.update)
$ echo "Additional update from branch b2" >> update.txt

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b2.update)
$ git add update.txt
warning: in the working copy of 'update.txt', LF will be replaced by CRLF the next time Git touches it

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b2.update)
$ git commit -m "Commit update on b2.update"
[b2.update e3d2bb8] Commit update on b2.update
1 file changed, 1 insertion(+)

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b2.update)
$ git checkout -b b3
Switched to a new branch 'b3'

Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b3)
$
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b3)
$ echo "Further update from branch b3" >> update.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b3)
$ git add update.txt
warning: in the working copy of 'update.txt', LF will be replaced by CRLF the next time Git touches it
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (b3)
$ git commit -m "Commit update on b3"
[b3 5810c50] Commit update on b3
1 file changed, 1 insertion(+)
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (master)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ git merge b1.update
Updating aa25d25..e3d2bb8
Fast-forward
 update.txt | 2 ++
1 file changed, 2 insertions(+)
create mode 100644 update.txt
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ git branch -d b1.update
Deleted branch b1.update (was e3d2bb8).
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ git branch -d b2.update
Deleted branch b2.update (was e3d2bb8).
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ git branch -d b3
error: the branch 'b3' is not fully merged
hint: If you are sure you want to delete it, run 'git branch -D b3'
hint: Disable this message with "git config set advice.forceDeleteBranch false"
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ git clone https://github.com/ADVAIT135/CDAC.git
Cloning into 'CDAC'...
remote: Enumerating objects: 126, done.
remote: Counting objects: 100% (126/126), done.
remote: Compressing objects: 100% (116/116), done.
remote: Total 126 (delta 35), reused 6 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (126/126), 25.66 MiB | 3.02 MiB/s, done.
Resolving deltas: 100% (35/35), done.
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1 (main)
$ cd CDAC
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/CDAC (main)
$
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/CDAC (main)
$ git remote add upstream https://github.com/ADVAIT135/CDAC.git
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/CDAC (main)
$ git fetch upstream
From https://github.com/ADVAIT135/CDAC
* [new branch]      g1      -> upstream/g1
* [new branch]      main     -> upstream/main
* [new branch]      master   -> upstream/master
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/CDAC (main)
$ git merge upstream/main
Already up to date.
```

```
Advait@LAPTOP-VJLK9EIV MINGW64 ~/Desktop/CDAC/ASSIGNMENTS -- SOLUTIONS/MODULE 3 -- AI TRENDS/ASSIGNMENT_1/ASSIGNMENT_1/CDAC (main)
$
```

## Branches

New branch

Overview Yours Active Stale All

Search branches...

### Default

Branch	Updated	Check status	Behind	Ahead	Pull request
main	1 hour ago			Default	...

### Your branches

Branch	Updated	Check status	Behind	Ahead	Pull request
master	22 minutes ago		25	4	...
g1	26 minutes ago		25	3	#1  ...

### Active branches

Branch	Updated	Check status	Behind	Ahead	Pull request
master	22 minutes ago		25	4	...
g1	26 minutes ago		25	3	#1  ...



File Explorer window titled "ASSIGNMENT\_1". The address bar shows the path: This PC > Windows (C:) > Users > Advait > Desktop > CDAC > ASSIGNMENTS -- SOLUTIONS > MODULE 3 -- AI TRENDS > ASSIGNMENT\_1 > ASSIGNMENT\_1.

The ribbon includes tabs: File, Home, Share, View. The Home tab is active, showing groups: Clipboard, Organize, New, Open, and Select.

Left sidebar (Navigation pane):

- Quick access
  - Desktop
  - Downloads
  - Documents
  - Pictures
  - Google Drive
  - G:\
  - ADVAIT -- GURU AC
  - MODULE 2 -- FUND
  - MODULE 3 -- AI TRI
  - MODULE 3 -- AI TRI
- OneDrive - Personal
- This PC
  - 3D Objects
  - Desktop
  - Documents
  - Downloads
  - Music
  - Pictures
  - Videos
  - Windows (C:)
- Network
- Linux

Main pane (Details view):

Name	Date modified	Type	Size
1. Python Programming	11-04-2025 22:17	File folder	
2. Fundamentals of Artificial Intelligence	11-04-2025 22:17	File folder	
3. AI TRENDS	11-04-2025 22:17	File folder	
CDAC	11-04-2025 22:21	File folder	
-I	11-04-2025 22:15	File	15,171 KB
LICENSE	11-04-2025 22:17	File	35 KB
README.md	11-04-2025 22:17	Markdown Source ...	1 KB
update.txt	11-04-2025 22:18	Text Document	1 KB

Bottom status bar: 8 items | 1 item selected

File Explorer window showing the directory structure of CDAC. The address bar shows the path: Windows (C:) > Users > Advait > Desktop > CDAC > ASSIGNMENTS -- SOLUTIONS > MODULE 3 -- AI TRENDS > ASSIGNMENT\_1 > ASSIGNMENT\_1 > CDAC >. The search bar contains "Search CDAC".

The left sidebar shows the Quick access section with links to Desktop, Downloads, Documents, Pictures, Google Drive, G:\, ADVAIT -- GURU AC, MODULE 2 -- FUND, MODULE 3 -- AI TRI, and MODULE 3 -- AI TRI. The OneDrive - Personal section is also visible.

The main pane displays a list of files and folders:

Name	Date modified	Type	Size
1. Python Programming	11-04-2025 22:21	File folder	
2. Fundamentals of Artificial Intelligence	11-04-2025 22:21	File folder	
3. AI TRENDS	11-04-2025 22:21	File folder	
LICENSE	11-04-2025 22:21	File	35 KB
README.md	11-04-2025 22:21	Markdown Source ...	1 KB

A tooltip for the LICENSE file shows the following details:

- Type: File
- Size: 34.9 KB
- Date modified: 11-04-2025 22:21

5 items