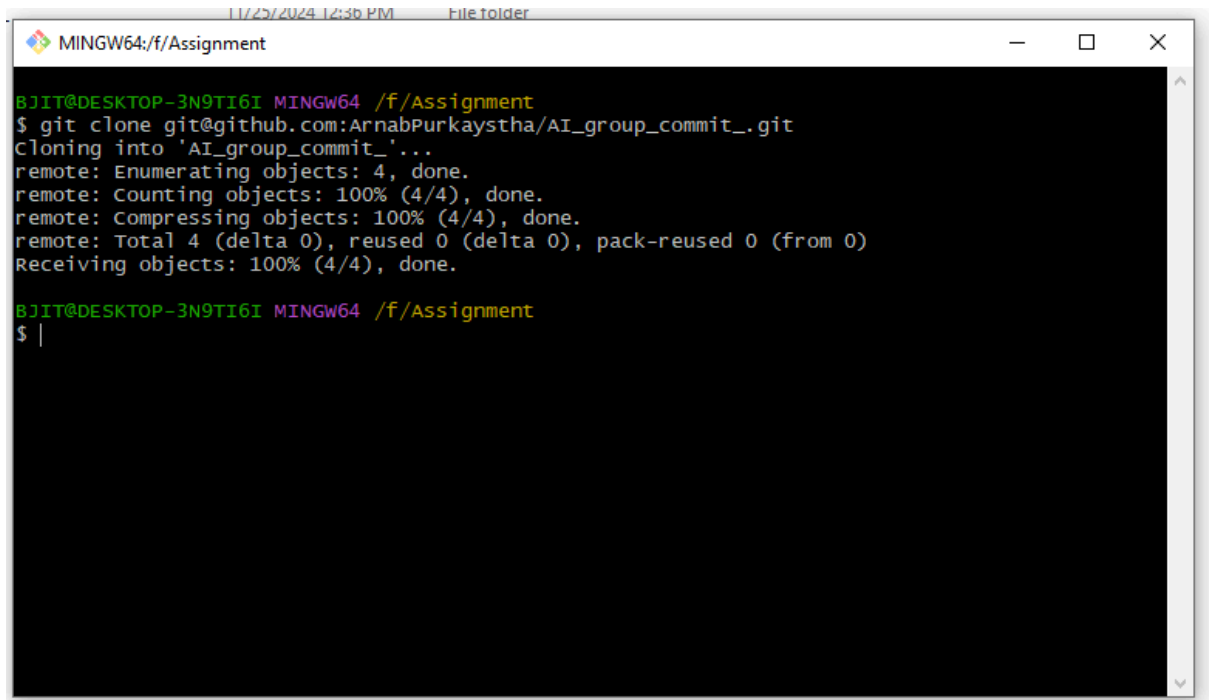


## 1. Cloning the development branch from the github:

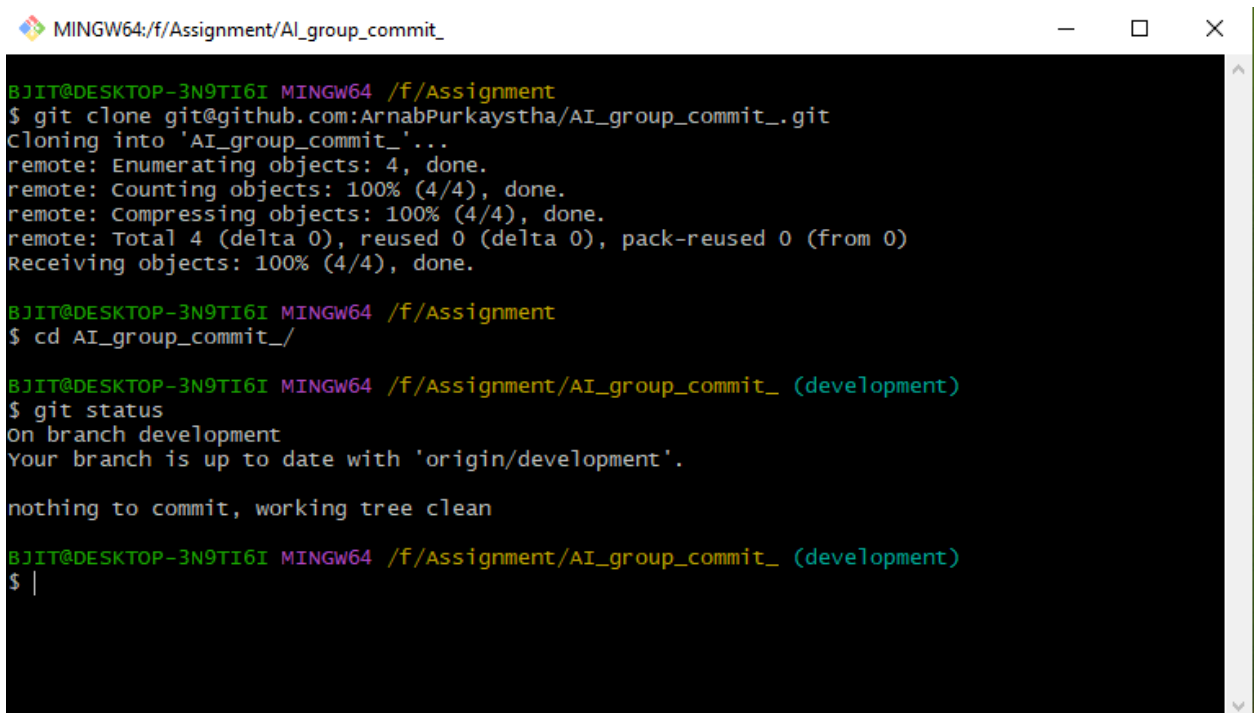


A terminal window titled 'MINGW64:/f/Assignment' with a standard Windows window header. The terminal shows the command to clone a repository from GitHub. The output indicates that the repository is being cloned into a new directory named 'AI\_group\_commit\_'. The progress shows 4 objects being enumerated, counted, and compressed, with a total of 4 objects received.

```
11/22/2024 12:35 PM File folder
MINGW64:/f/Assignment
BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment
$ git clone git@github.com:ArnabPurkaystha/AI_group_commit_.git
Cloning into 'AI_group_commit_'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment
$ |
```

## 2. Checking the status of the current branch:



A terminal window titled 'MINGW64:/f/Assignment/AI\_group\_commit\_' with a standard Windows window header. The terminal shows the command to clone a repository from GitHub, followed by a command to change the directory to the cloned repository. The output indicates that the repository is being cloned into a new directory named 'AI\_group\_commit\_'. The progress shows 4 objects being enumerated, counted, and compressed, with a total of 4 objects received. After changing the directory, the command to check the status of the current branch is executed, showing that the branch is up to date with 'origin/development' and the working tree is clean.

```
MINGW64:/f/Assignment/AI_group_commit_
BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment
$ git clone git@github.com:ArnabPurkaystha/AI_group_commit_.git
Cloning into 'AI_group_commit_'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

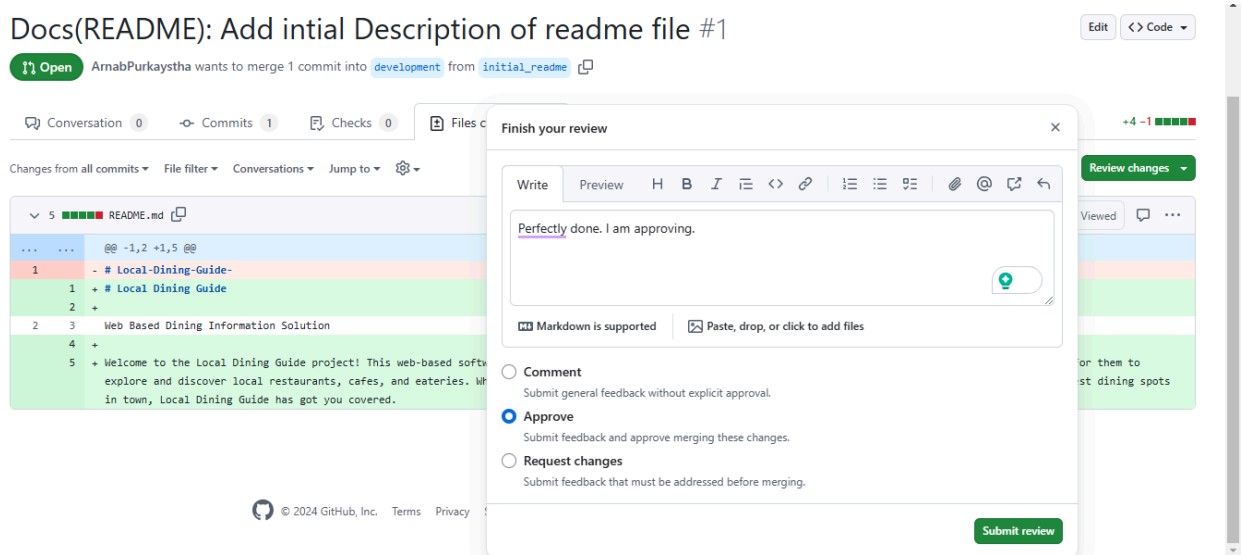
BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment
$ cd AI_group_commit_/

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git status
on branch development
Your branch is up to date with 'origin/development'.

nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ |
```

### 3. Meanwhile a group member asked me to review his Pull Request



### 4. A new feature named “Getting Started” added. For this a new branch created. After that the feature is added. Then added the feature in the staging area and committed with proper commit message.

```
MINGW64:/f/Assignment/AI_group_commit_
BjIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git status
on branch development
Your branch is up to date with 'origin/development'.

nothing to commit, working tree clean

BjIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git checkout -b getting_start_feature01
Switched to a new branch 'getting_start_feature01'

BjIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git status
on branch getting_start_feature01
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:   README.md

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

BjIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git add README.md

BjIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git commit -m "Doc(README.md): Getting started feature added." -m "Ref:003"
```

## 5. Checking the status of the working branch.

```
MINGW64:/f/Assignment/AI_group_commit_
Switched to a new branch 'getting_start_feature01'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git status
On branch getting_start_feature01
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:   README.md

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

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git commit -m "Doc(README.md): Getting started feature added." -m "Ref:003"
[getting_start_feature01 ff0ae2c] Doc(README.md): Getting started feature added.
1 file changed, 30 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git status
On branch getting_start_feature01
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ |
```

## 6. Used Git log command to copy the commit id of the last commit that have been done. Later this commit id will be used for cherry-picking.

```
MINGW64:/f/Assignment/AI_group_commit_

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git status
On branch getting_start_feature01
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git log
commit ff0ae2cae9531d691fc7da670a000306b440aa1a (HEAD -> getting_start_feature01)
Author: Saib Ahmed <saib.ahmed@bjitacademy.com>
Date: Mon Nov 25 14:15:23 2024 +0600

    Doc(README.md): Getting started feature added.

    Ref:003

commit 4f9bcdde2d01882fcf379c9e12114115ad34982c (origin/main, origin/development, origin/HEAD, development)
Author: ArnabPurkaystha <arnab.purkaystha@bjitacademy.com>
Date: Mon Nov 25 12:22:51 2024 +0600

    Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ ^C

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ |
```

7. Checkout to the development branch. Pulled from the remote. We can see there were some updates.

```
MINGW64:/f/Assignment/AI_group_commit_
Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ ^C

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 1), reused 2 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 1.33 KiB | 104.00 KiB/s, done.
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
   4f9bccd..85dd762  development -> origin/development
Updating 4f9bccd..85dd762
Fast-forward
 README.md | 5 ++++-
 1 file changed, 4 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ |
```

8. Created a new branch and cherrypicked from the previous commit. There was a conflict.

```
MINGW64:/f/Assignment/AI_group_commit_

commit 4f9bccde2d01882fcf379c9e12114115ad34982c (origin/main)
Author: ArnabPurkaystha <arnab.purkaystha@bjitacademy.com>
Date: Mon Nov 25 12:22:51 2024 +0600

Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature01)
$ git checkout getting_start_feature
Switched to branch 'getting_start_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ git cherry-pick ff0ae2cae9531d691fc7da670a000306b440aa1a
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply ff0ae2c... Doc(README.md): Getting started feature added.
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature|CHERRY-PICKING)
$ |
```

## 9. Solved conflict in the branch:

```
MINGW64:/f/Assignment/AI_group_commit_
KING)
$ git status
On branch getting_start_feature
You are currently cherry-picking commit ff0ae2c.
  (fix conflicts and run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:   README.md

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

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature|CHERRY-PICKING)
$ git add --all

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature|CHERRY-PICKING)
$ git cherry-pick --continue
[getting_start_feature 19912c0] Doc(README.md): Getting started feature added.
Date: Mon Nov 25 14:15:23 2024 +0600
1 file changed, 30 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ |
```

## 10. Checked out to the development branch and pulled to keep it up to date. It was seen that there was some updates.

```
MINGW64:/f/Assignment/AI_group_commit_
BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 6 (delta 0), reused 5 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (6/6), 629.76 KiB | 570.00 KiB/s, done.
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
   85dd762..56cb4f1  development -> origin/development
Updating 85dd762..56cb4f1
Fast-forward
 README.md | 23 ++++++
 banner.jpg | Bin 0 -> 590182 bytes
 logo.jpg   | Bin 0 -> 71929 bytes
3 files changed, 22 insertions(+), 1 deletion(-)
create mode 100644 banner.jpg
create mode 100644 logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ |
```

11. To get rid of the conflict in the github, another branch is created.

```
MINGW64:/f/Assignment/AI_group_commit_
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 6 (delta 0), reused 5 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (6/6), 629.76 KiB | 570.00 KiB/s, done.
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
   85dd762..56cb4f1      development -> origin/development
Updating 85dd762..56cb4f1
Fast-forward
 README.md | 23 ++++++
 banner.jpg | Bin 0 -> 590182 bytes
 logo.jpg   | Bin 0 -> 71929 bytes
 3 files changed, 22 insertions(+), 1 deletion(-)
 create mode 100644 banner.jpg
 create mode 100644 logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git checkout -b startting_feature
Switched to a new branch 'startting_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git status
On branch startting_feature
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ |
```

12. Used git log for copying the last commit id for cherry-picking later.

```
MINGW64:/f/Assignment/AI_group_commit_
logo.jpg | Bin 0 -> 71929 bytes
3 files changed, 22 insertions(+), 1 deletion(-)
 create mode 100644 banner.jpg
 create mode 100644 logo.jpg

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (development)
$ git checkout -b startting_feature
Switched to a new branch 'startting_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git status
On branch startting_feature
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git checkout getting_start_feature
Switched to branch 'getting_start_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ git log --oneline
19912c0 (HEAD -> getting_start_feature) Doc(README.md): Getting started feature added.
85dd762 Merge pull request #1 from ArnabPurkaystha/initial_readme
1b188ed Docs(README): Add intial Description of readme file
4f9bcdd (origin/main) Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ |
```

### 13. Conflict while cherry-picking the last commit in the newly created branch.

```
MINGW64:/f/Assignment/AI_group_commit_
BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ git log --oneline
19912c0 (HEAD -> getting_start_feature) Doc(README.md): Getting started feature added.
85dd762 Merge pull request #1 from ArnabPurkaystha/initial_readme
1b188ed Docs(README): Add intial Description of readme file
4f9bcdd (origin/main) Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (getting_start_feature)
$ git checkout startting_feature
Switched to branch 'startting_feature'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git cherry-pick 19912c0
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 19912c0... Doc(README.md): Getting started feature added.
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature|CHERRY-PICKING)
$ |
```

### 14. Status after solving the conflict and merged to the new branch using cherry-pick --continue command.

```
MINGW64:/f/Assignment/AI_group_commit_
$ git status
On branch startting_feature
You are currently cherry-picking commit 19912c0.
  (fix conflicts and run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   README.md

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

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature|CHERRY-PICKING)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature|CHERRY-PICKING)
$ git cherry-pick --continue
[startting_feature 1a64586] Doc(README.md): Getting started feature added.
Date: Mon Nov 25 14:15:23 2024 +0600
1 file changed, 33 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ |
```



## 15. Pushed the new feature to the github for a pull request.

```
MINGW64:/f/Assignment/AI_group_commit_
Date: Mon Nov 25 14:15:23 2024 +0600
1 file changed, 33 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git push -u origin startting_feature
error: src refspec startting_feature does not match any
error: failed to push some refs to 'github.com:ArnabPurkaystha/AI_group_commit_.git'

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ git push -u origin startting_feature
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 755 bytes | 755.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'startting_feature' on GitHub by visiting:
remote:   https://github.com/ArnabPurkaystha/AI_group_commit_/pull/new/startting_feature
remote:
To github.com:ArnabPurkaystha/AI_group_commit_.git
 * [new branch]      startting_feature -> startting_feature
branch 'startting_feature' set up to track 'origin/startting_feature'.

BJIT@DESKTOP-3N9TI6I MINGW64 /f/Assignment/AI_group_commit_ (startting_feature)
$ |
```

## 16. Reviewer added for the Pull Request.

### Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#). [Learn more about diff comparisons here](#).

base: development

compare: startting\_feature

✓ Able to merge. These branches can be automatically merged.

Add a title

Doc(README.md): Getting started feature added.

Add a description

Write

Preview

H B I

Ref:003

Reviewers

Request up to 15 reviewers

Type or choose a user

✓ ArnabPurkaystha

durjoy8009

Pink30179

sakibulislam9

none yet



## 17. Waiting for reviewing:

Conversation 0

Commits 1

Checks 0

Files changed 1

+33 -0

Saib-AI-BJIT commented now

Collaborator

Ref:003

Doc(README.md): Getting started feature added. 1a64586

Saib-AI-BJIT requested a review from ArnabPurkaystha now

Reviewers

ArnabPurkaystha

At least 1 approving review is required to merge this pull request.

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

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Review required

At least 1 approving review is required by reviewers with write access. [Learn more about pull request reviews.](#)

1 pending reviewer

Merging is blocked

Merging can be performed automatically with 1 approving review.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions.](#)

## 18. Review accepted

ArnabPurkaystha approved these changes now

View reviewed changes

ArnabPurkaystha left a comment

Owner

the description is ok.

Changes approved

1 approving review by reviewers with write access. [Learn more about pull request reviews.](#)

1 approval

This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions.](#)

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

Unsubscribe

You're receiving notifications because you authored the thread.

2 participants

Add a comment