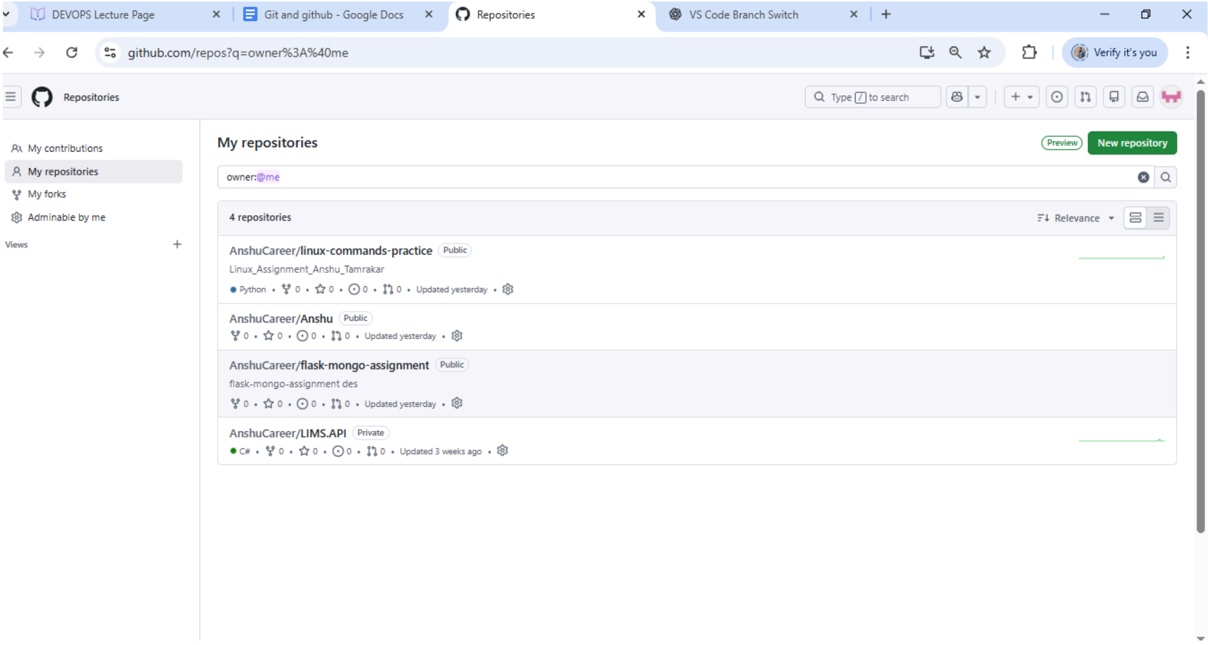
1. Create a new GitHub repository.
   - Clone the repository to your local machine using SSH (generate an SSH key if needed, add the public key to your GitHub account).
   - Create a new branch named after your username (e.g., `Tutedude`).
   - Add your Flask project files to this branch.

Commit the changes and merge the branch into the `main` branch.

Ans :



My repositories

owner:@me

4 repositories — Relevance

AnshuCareer/linux-commands-practice Public
Linux_Assignment_Anshu_Tamrakar
Python • 0 • 0 • 0 • 0 • Updated yesterday

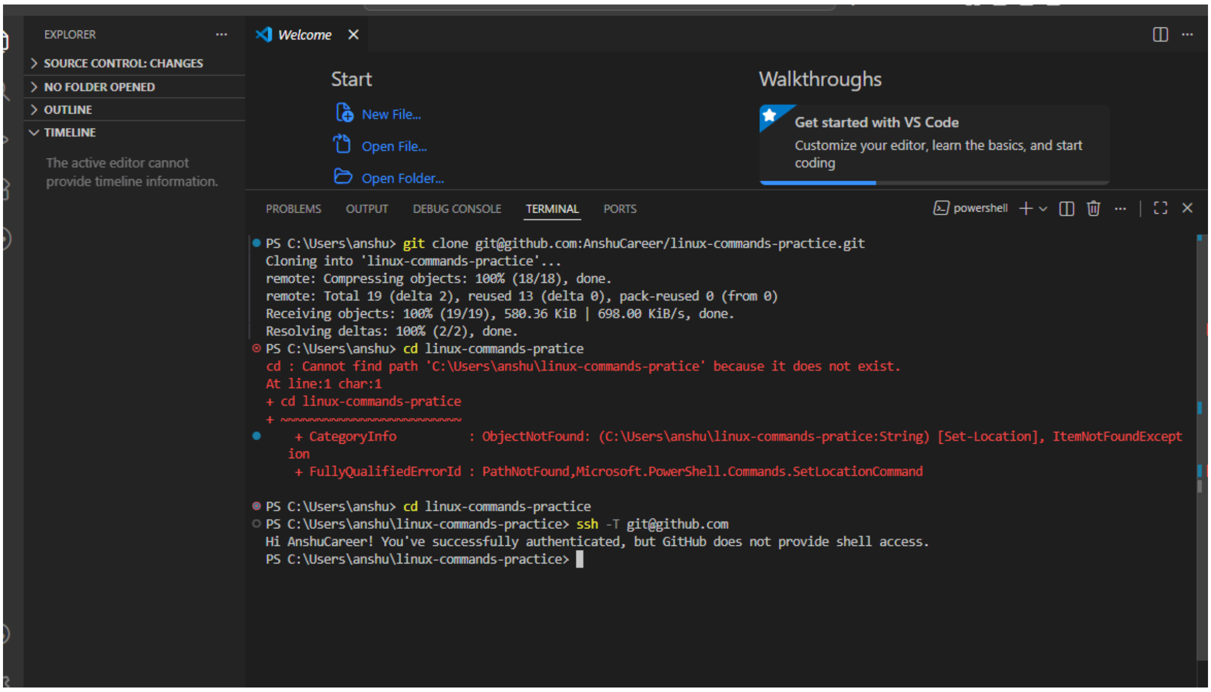
AnshuCareer/Anshu Public
0 • 0 • 0 • 0 • Updated yesterday

AnshuCareer/flask-mongo-assignment Public
flask-mongo-assignment des
0 • 0 • 0 • 0 • Updated yesterday

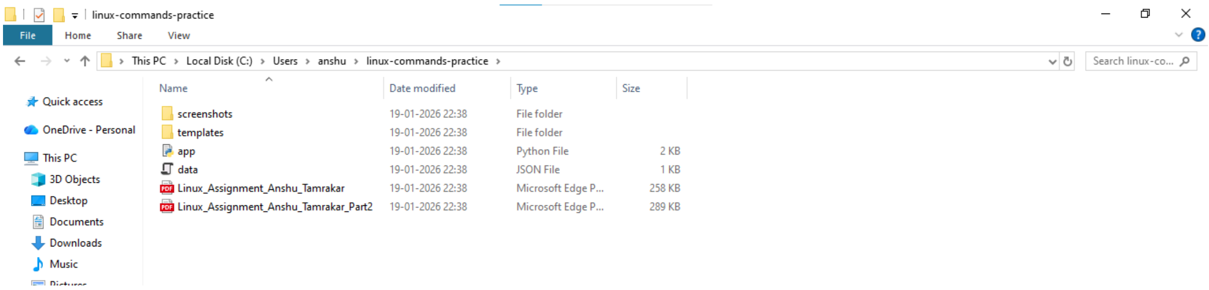
AnshuCareer/LIMS.API Private
C# • 0 • 0 • 0 • 0 • Updated 3 weeks ago

In The above Screenshot I Have created first flask-mongo-assignment

Repo In github .

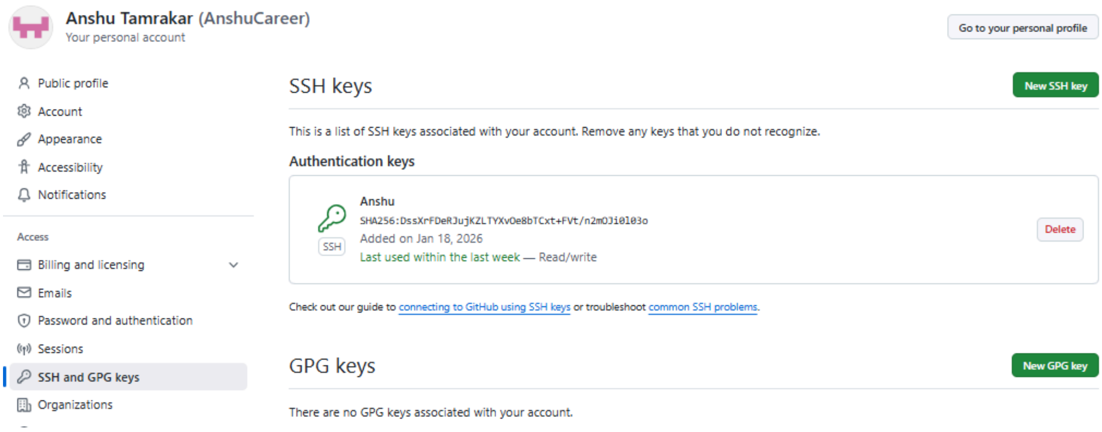


```
PS C:\Users\anshu> git clone git@github.com:AnshuCareer/linux-commands-practice.git
Cloning into 'linux-commands-practice'...
remote: Compressing objects: 100% (18/18), done.
remote: Total 19 (delta 2), reused 13 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (19/19), 580.36 KiB | 698.00 KiB/s, done.
Resolving deltas: 100% (2/2), done.
PS C:\Users\anshu> cd linux-commands-pratice
cd : Cannot find path 'C:\Users\anshu\linux-commands-pratice' because it does not exist.
At line:1 char:1
+ cd linux-commands-pratice
+ ~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : ObjectNotFound: (C:\Users\anshu\linux-commands-pratice:String) [Set-Location], ItemNotFoundExcept
   ion
    + FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\Users\anshu> cd linux-commands-practice
PS C:\Users\anshu\linux-commands-practice> ssh -T git@github.com
Hi AnshuCareer! You've successfully authenticated, but GitHub does not provide shell access.
PS C:\Users\anshu\linux-commands-practice>
```



Name	Date modified	Type	Size
screenshots	19-01-2026 22:38	File folder	
templates	19-01-2026 22:38	File folder	
app	19-01-2026 22:38	Python File	2 KB
data	19-01-2026 22:38	JSON File	1 KB
Linux_Assignment_Anshu_Tamrakar	19-01-2026 22:38	Microsoft Edge P...	258 KB
Linux_Assignment_Anshu_Tamrakar_Part2	19-01-2026 22:38	Microsoft Edge P...	289 KB

See in The above screen shot I Have done The cloning with using SSH (generated an SSH key on GitHub account).



SSH keys

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

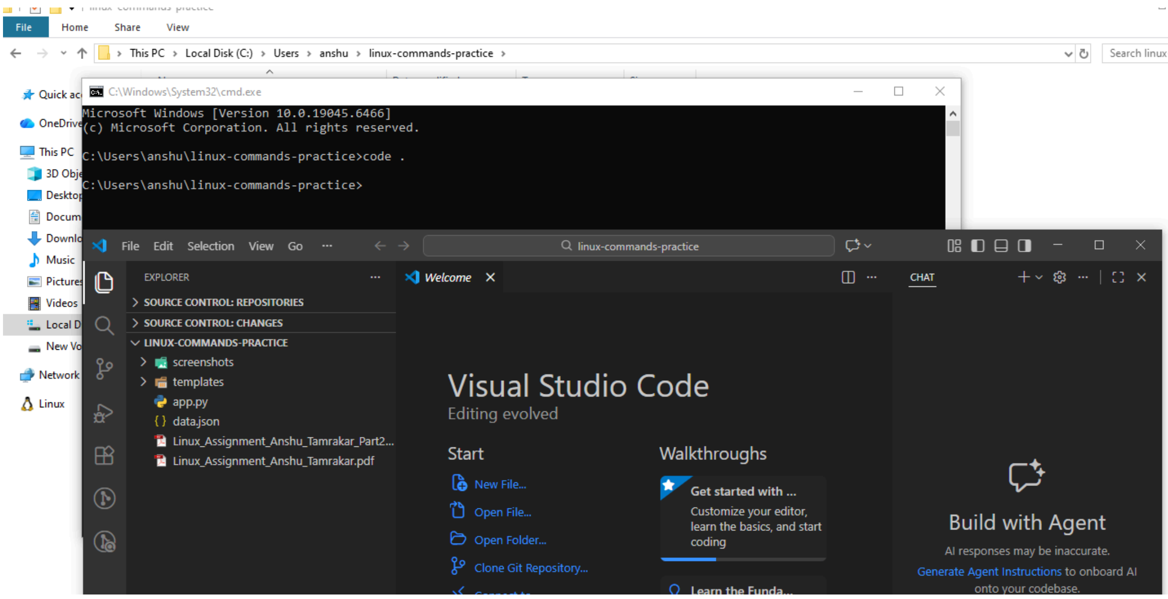
Authentication keys

Anshu
SHA256:DssXrFDeRJujKZLTYXvOe8bTCxt+FVt/n2mOJi0l03o
SSH
Added on Jan 18, 2026
Last used within the last week — Read/write

Check out our guide to connecting to GitHub using SSH keys or troubleshoot common SSH problems.

GPG keys

There are no GPG keys associated with your account.

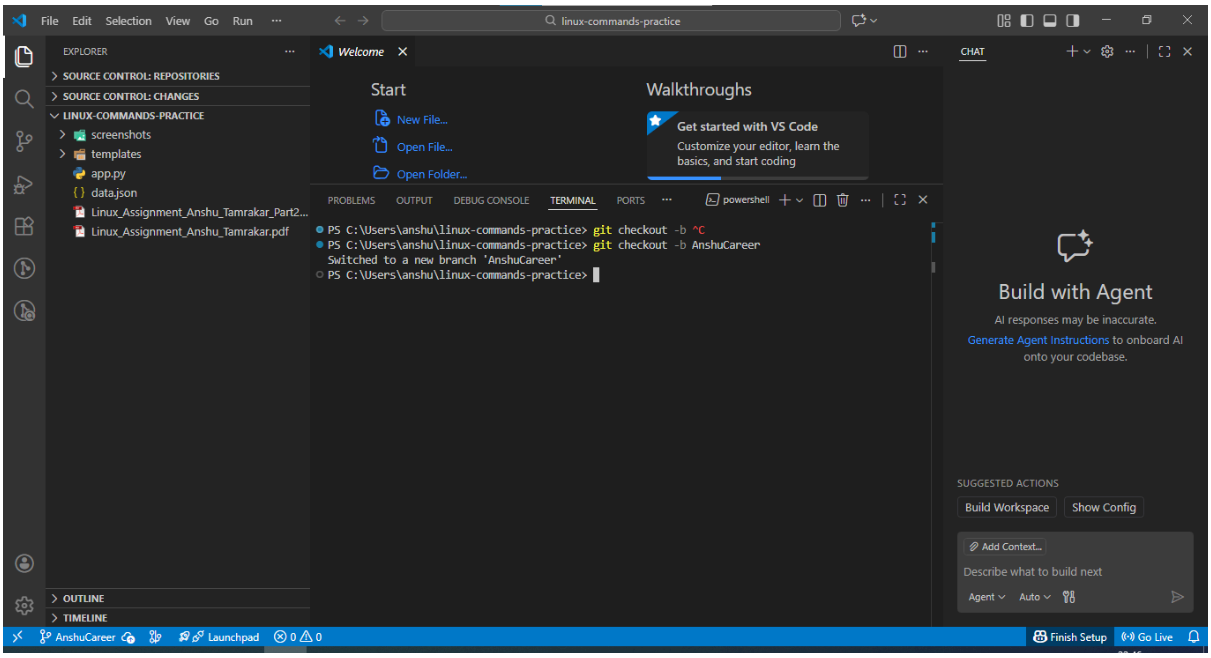


File
Home
Share
View
This PC › Local Disk (C:) › Users › anshu › linux-commands-practice ›
Search linux-co...
C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19045.6466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\anshu\linux-commands-practice>code .

C:\Users\anshu\linux-commands-practice>
```

File
Edit
Selection
View
Go
linux-commands-practice
EXPLORER
SOURCE CONTROL: REPOSITORIES
SOURCE CONTROL: CHANGES
LINUX-COMMANDS-PRACTICE
screenshots
templates
app.py
data.json
Linux_Assignment_Anshu_Tamrakar_Part2...
Linux_Assignment_Anshu_Tamrakar.pdf
Welcome
CHAT
Visual Studio Code
Editing evolved
Start
New File...
Open File...
Open Folder...
Clone Git Repository...
Walkthroughs
Get started with ...
Customize your editor, learn the basics, and start coding
Learn the Funda...
Build with Agent
AI responses may be inaccurate.
Generate Agent Instructions to onboard AI onto your codebase.

→



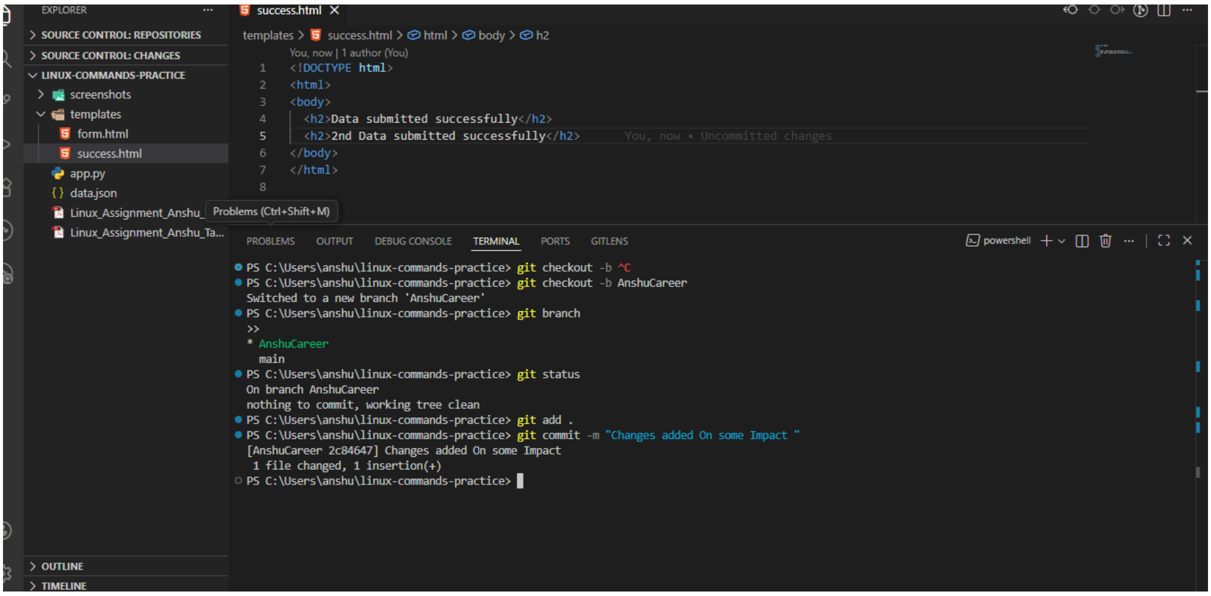
```
PS C:\Users\anshu\linux-commands-practice> git checkout -b ^C
PS C:\Users\anshu\linux-commands-practice> git checkout -b AnshuCareer
Switched to a new branch 'AnshuCareer'
PS C:\Users\anshu\linux-commands-practice>
```

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

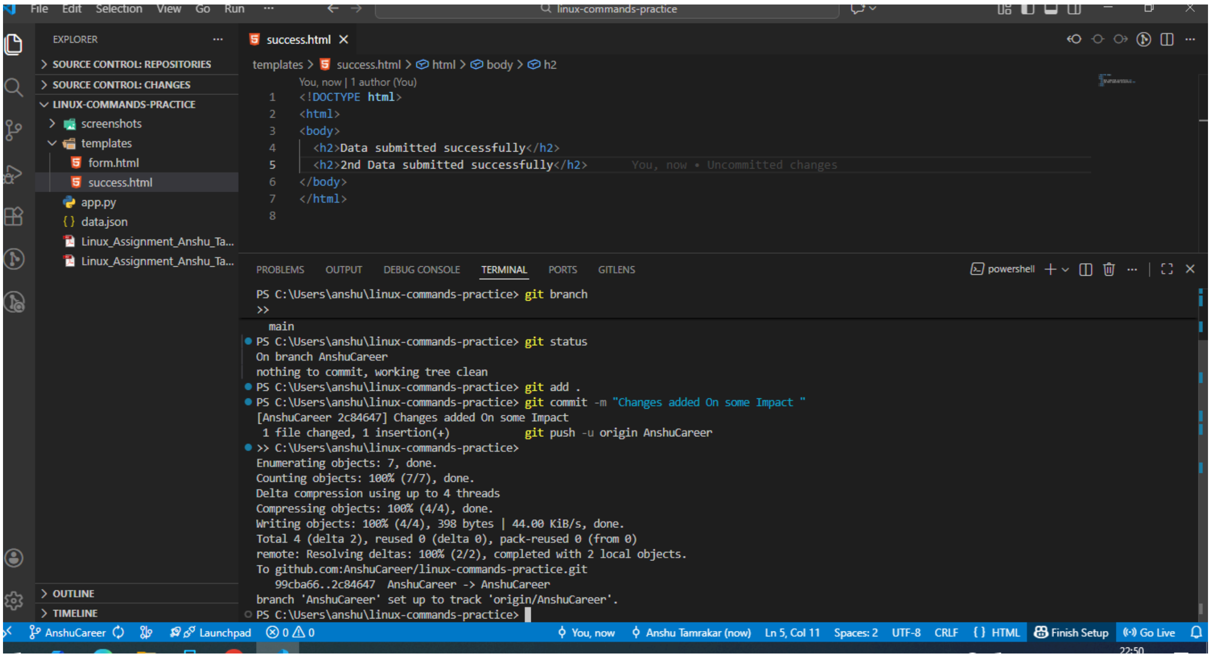
→



```
<!DOCTYPE html>
<html>
<body>
  <h2>Data submitted successfully</h2>
  <h2>2nd Data submitted successfully</h2>     You, now • Uncommitted changes
</body>
</html>
```

```
PS C:\Users\anshu\linux-commands-practice> git checkout -b ^C
PS C:\Users\anshu\linux-commands-practice> git checkout -b AnshuCareer
Switched to a new branch 'AnshuCareer'
PS C:\Users\anshu\linux-commands-practice> git branch
>>
* AnshuCareer
  main
PS C:\Users\anshu\linux-commands-practice> git status
On branch AnshuCareer
nothing to commit, working tree clean
PS C:\Users\anshu\linux-commands-practice> git add .
PS C:\Users\anshu\linux-commands-practice> git commit -m "Changes added On some Impact "
[AnshuCareer 2c84647] Changes added On some Impact
 1 file changed, 1 insertion(+)
PS C:\Users\anshu\linux-commands-practice>
```

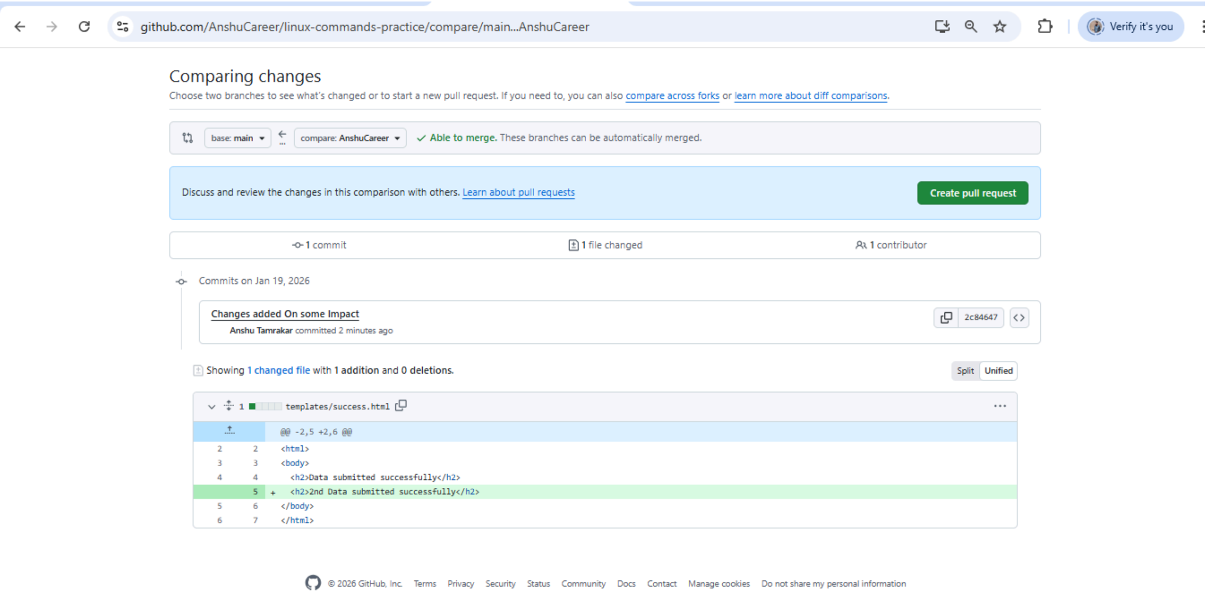
→



templates > success.html > html > body > h2

```
<!DOCTYPE html>
<html>
<body>
  <h2>Data submitted successfully</h2>
  <h2>2nd Data submitted successfully</h2>
</body>
</html>
```

```
PS C:\Users\anshu\linux-commands-practice> git branch
>>
  main
PS C:\Users\anshu\linux-commands-practice> git status
On branch AnshuCareer
nothing to commit, working tree clean
PS C:\Users\anshu\linux-commands-practice> git add .
PS C:\Users\anshu\linux-commands-practice> git commit -m "Changes added On some Impact "
[AnshuCareer 2c84647] Changes added On some Impact
 1 file changed, 1 insertion(+)          git push -u origin AnshuCareer
>> C:\Users\anshu\linux-commands-practice>
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 398 bytes | 44.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:AnshuCareer/linux-commands-practice.git
   99cba66..2c84647  AnshuCareer -> AnshuCareer
branch 'AnshuCareer' set up to track 'origin/AnshuCareer'.
PS C:\Users\anshu\linux-commands-practice>
```



github.com/AnshuCareer/linux-commands-practice/compare/main...AnshuCareer

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks or learn more about diff comparisons.

base: main ← compare: AnshuCareer ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. Learn about pull requests

1 commit | 1 file changed | 1 contributor

Commits on Jan 19, 2026

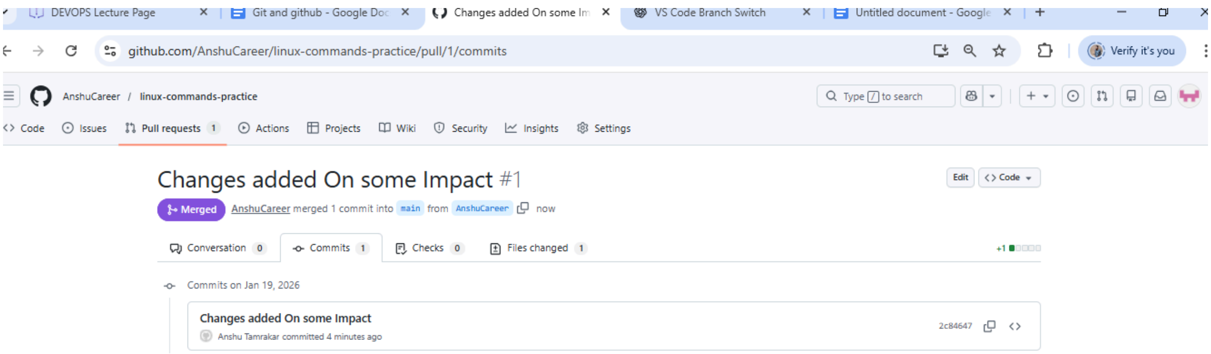
Changes added On some Impact
Anshu Tamrakar committed 2 minutes ago — 2c84647

Showing 1 changed file with 1 addition and 0 deletions.

templates/success.html

```
@@ -2,5 +2,6 @@
2   2   <html>
3   3   <body>
4   4     <h2>Data submitted successfully</h2>
    5 +   <h2>2nd Data submitted successfully</h2>
5   6   </body>
6   7   </html>
```

See here the I have push this code Change In New created Branch Which You have Suggested You Now i Have To Give The pull request To The respected User .



Changes added On some Impact #1

Merged AnshuCareer merged 1 commit into `main` from `AnshuCareer` now

Commits on Jan 19, 2026

Changes added On some Impact
Anshu Tamrakar committed 4 minutes ago
2c84647

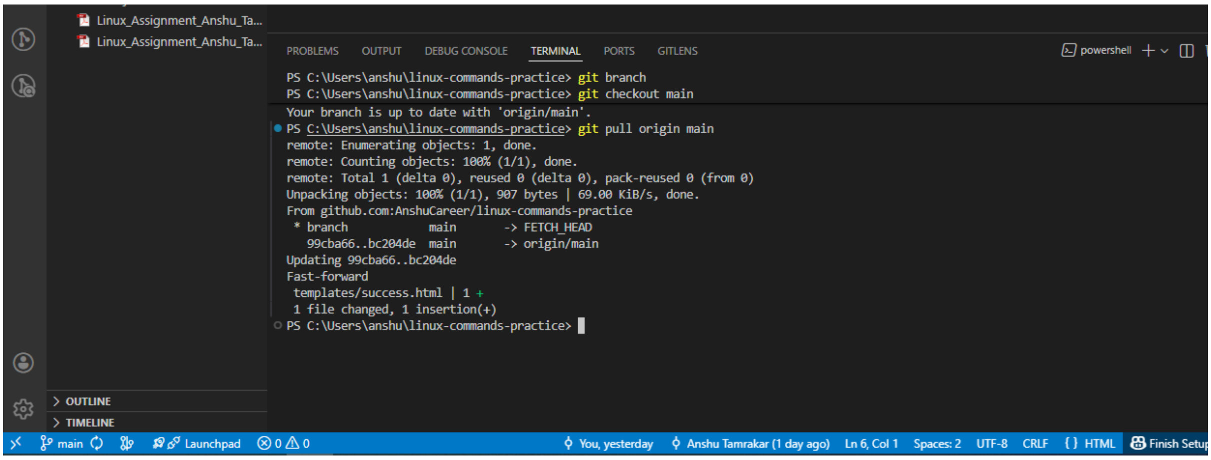
Merge this changes Into Main branch .

—---

2. Create a new branch named `<your_name>_new` (e.g., `Tutedude_new`).

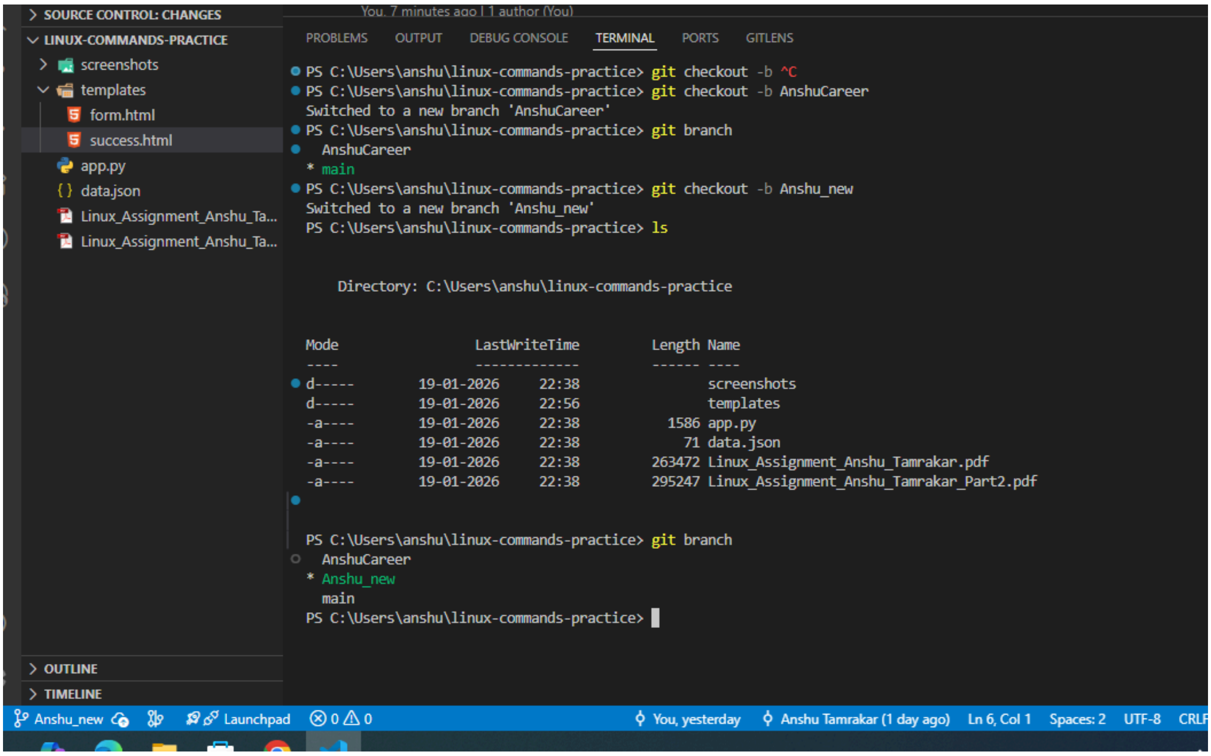
- Update the content of the JSON file used for the `/api` route in this branch.
- Merge the `<your_name>_new` branch into the `main` branch.
- If there are conflicts during the merge, resolve them by accepting the changes from the `<your_name>_new` branch.
- Add the resolved changes to the staging area, commit them, and push the updates to the remote repository.

Ans 👍



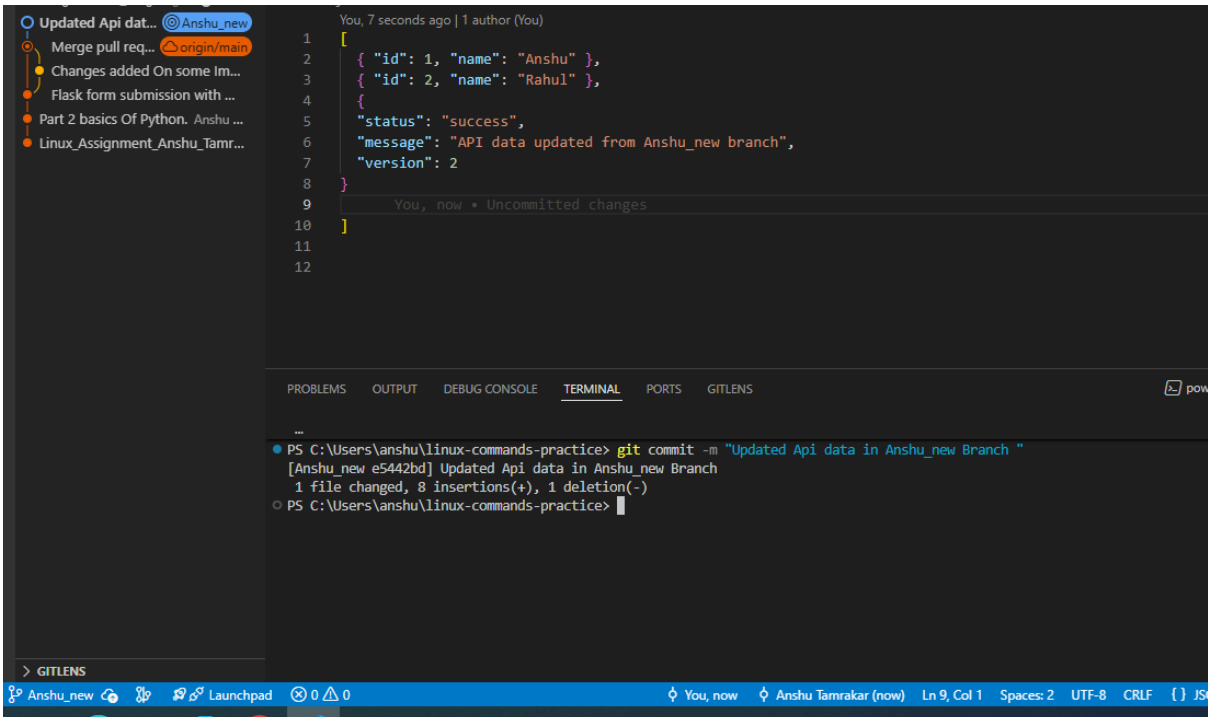
```
PS C:\Users\anshu\linux-commands-practice> git branch
PS C:\Users\anshu\linux-commands-practice> git checkout main
Your branch is up to date with 'origin/main'.
PS C:\Users\anshu\linux-commands-practice> git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 907 bytes | 69.00 KiB/s, done.
From github.com:AnshuCareer/linux-commands-practice
 * branch            main       -> FETCH_HEAD
   99cba66..bc204de  main       -> origin/main
Updating 99cba66..bc204de
Fast-forward
 templates/success.html | 1 +
 1 file changed, 1 insertion(+)
PS C:\Users\anshu\linux-commands-practice>
```

First checkout The main branch & take Latest by using pull AI changes .



```
PS C:\Users\anshu\linux-commands-practice> git checkout -b ^C
PS C:\Users\anshu\linux-commands-practice> git checkout -b AnshuCareer
Switched to a new branch 'AnshuCareer'
PS C:\Users\anshu\linux-commands-practice> git branch
  AnshuCareer
* main
PS C:\Users\anshu\linux-commands-practice> git checkout -b Anshu_new
Switched to a new branch 'Anshu_new'
PS C:\Users\anshu\linux-commands-practice> ls


    Directory: C:\Users\anshu\linux-commands-practice


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----        19-01-2026     22:38                screenshots
d-----        19-01-2026     22:56                templates
-a----        19-01-2026     22:38           1586 app.py
-a----        19-01-2026     22:38             71 data.json
-a----        19-01-2026     22:38         263472 Linux_Assignment_Anshu_Tamrakar.pdf
-a----        19-01-2026     22:38         295247 Linux_Assignment_Anshu_Tamrakar_Part2.pdf


PS C:\Users\anshu\linux-commands-practice> git branch
  AnshuCareer
* Anshu_new
  main
PS C:\Users\anshu\linux-commands-practice>
```

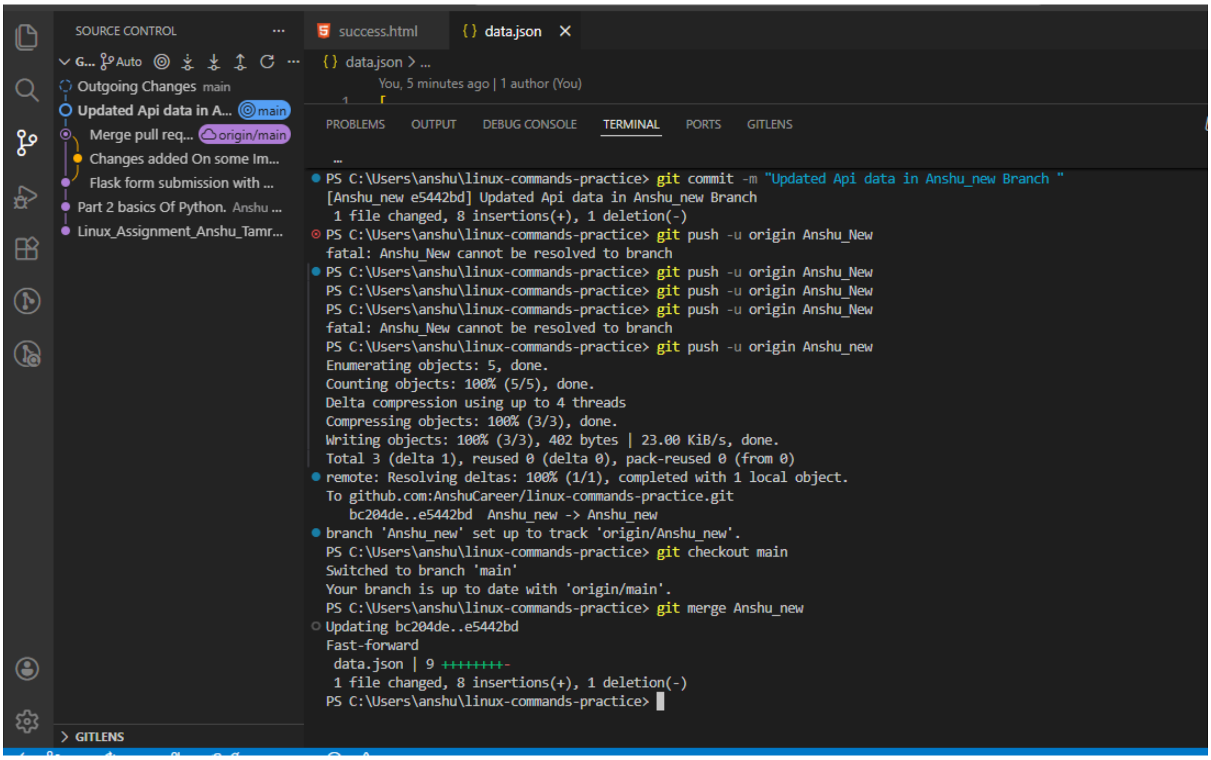
Created New branch name As Anshu_New And Check Out That branch In Local now.


Updated Api dat... Anshu_new
Merge pull req... origin/main
Changes added On some Im...
Flask form submission with ...
Part 2 basics Of Python. Anshu ...
Linux_Assignment_Anshu_Tamr...
GITLENS
You, 7 seconds ago | 1 author (You)
You, now • Uncommitted changes
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
GITLENS
pow
Anshu_new
Launchpad
0 0
You, now
Anshu Tamrakar (now)
Ln 9, Col 1
Spaces: 2
UTF-8
CRLF
{ } JS

```
[
  { "id": 1, "name": "Anshu" },
  { "id": 2, "name": "Rahul" },
  {
  "status": "success",
  "message": "API data updated from Anshu_new branch",
  "version": 2
}

]
```

```
PS C:\Users\anshu\linux-commands-practice> git commit -m "Updated Api data in Anshu_new Branch "
[Anshu_new e5442bd] Updated Api data in Anshu_new Branch
 1 file changed, 8 insertions(+), 1 deletion(-)
PS C:\Users\anshu\linux-commands-practice>
```

Updated Api data into data.json file .

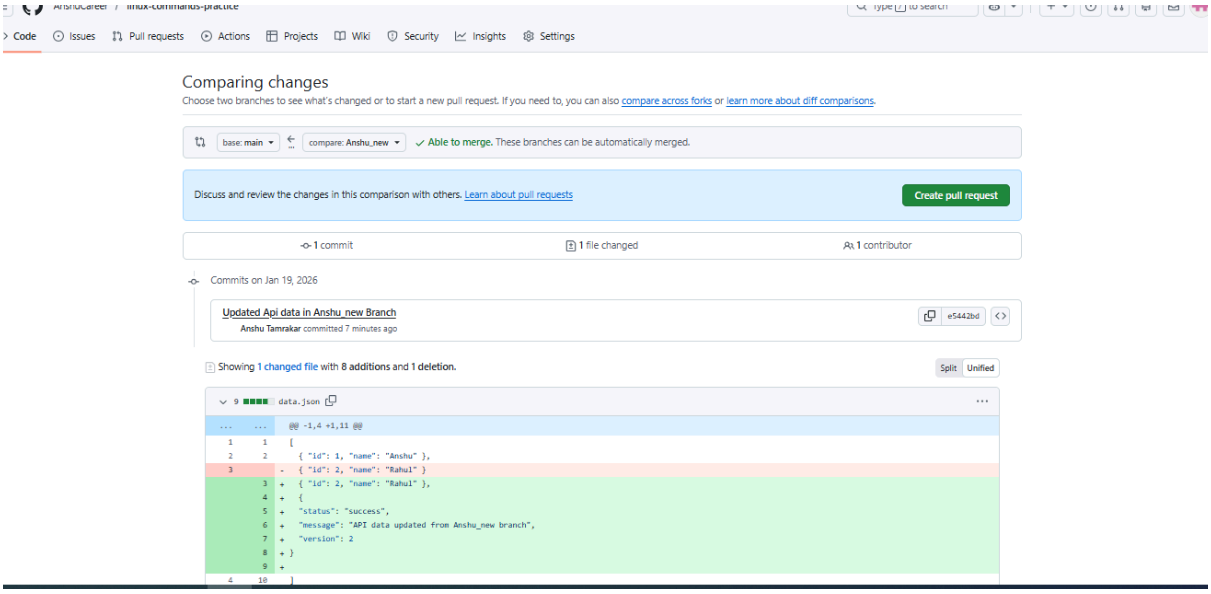


Outgoing Changes main
Updated Api data in A... main
Merge pull req... origin/main
Changes added On some Im...
Flask form submission with ...
Part 2 basics Of Python. Anshu ...
Linux_Assignment_Anshu_Tamr...

You, 5 minutes ago | 1 author (You)

```
PS C:\Users\anshu\linux-commands-practice> git commit -m "Updated Api data in Anshu_new Branch "
[Anshu_new e5442bd] Updated Api data in Anshu_new Branch
 1 file changed, 8 insertions(+), 1 deletion(-)
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
fatal: Anshu_New cannot be resolved to branch
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
fatal: Anshu_New cannot be resolved to branch
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_new
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), 402 bytes | 23.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:AnshuCareer/linux-commands-practice.git
   bc204de..e5442bd  Anshu_new -> Anshu_new
branch 'Anshu_new' set up to track 'origin/Anshu_new'.
PS C:\Users\anshu\linux-commands-practice> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\anshu\linux-commands-practice> git merge Anshu_new
Updating bc204de..e5442bd
Fast-forward
 data.json | 9 ++++++++-
 1 file changed, 8 insertions(+), 1 deletion(-)
PS C:\Users\anshu\linux-commands-practice>
```

I have Merge All changes into main Now ..



Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks or learn more about diff comparisons.

base: main ← compare: Anshu_new ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. Learn about pull requests

1 commit | 1 file changed | 1 contributor

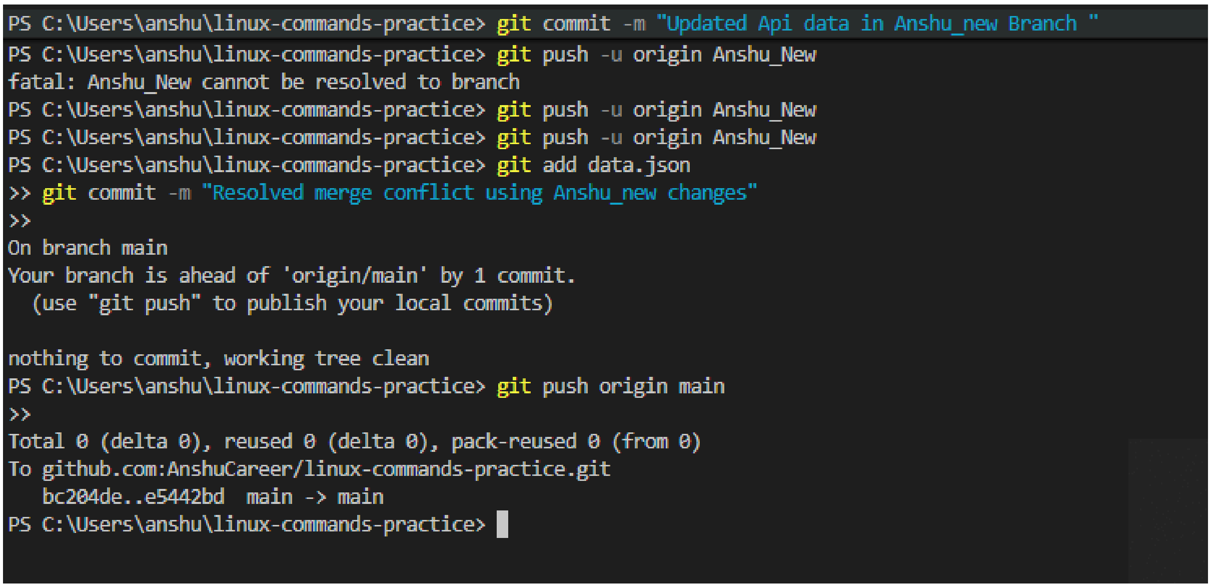
Commits on Jan 19, 2026

Updated Api data in Anshu_new Branch
Anshu Tamrakar committed 7 minutes ago — e5442bd

Showing 1 changed file with 8 additions and 1 deletion.

```
9 data.json
@@ -1,4 +1,11 @@
 [
   { "id": 1, "name": "Anshu" },
-  { "id": 2, "name": "Rahul" }
+  { "id": 2, "name": "Rahul" },
+  {
+  "status": "success",
+  "message": "API data updated from Anshu_new branch",
+  "version": 2
+ }
+
 ]
```

Creating pull request Here again



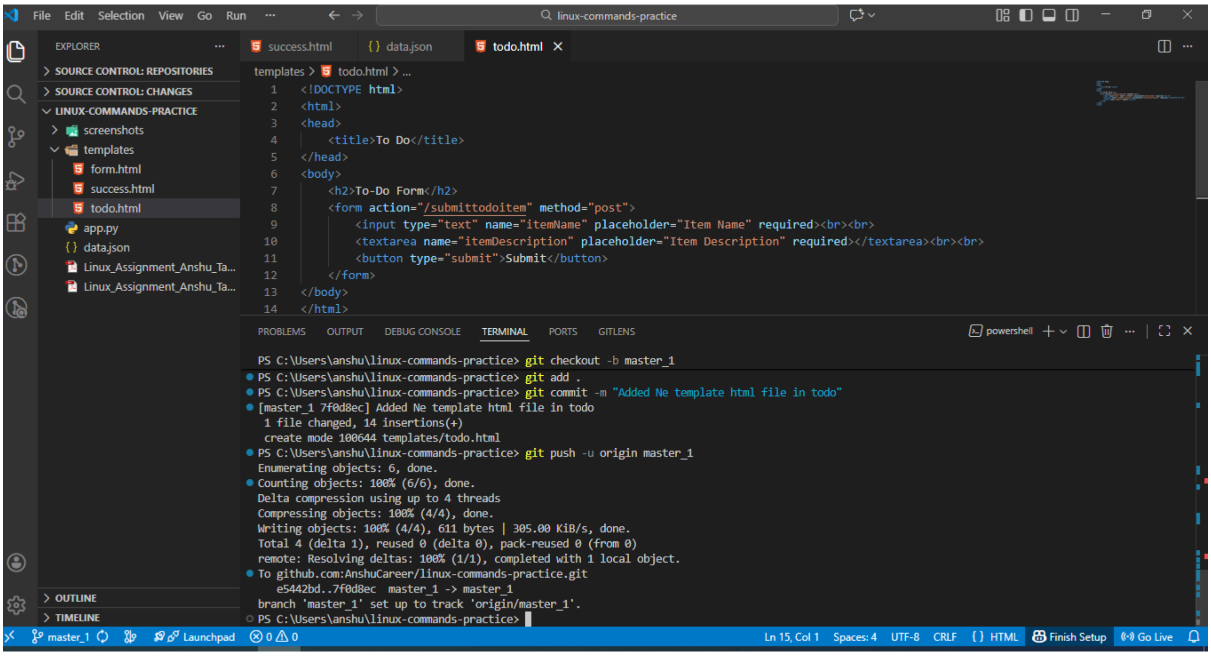
```
PS C:\Users\anshu\linux-commands-practice> git commit -m "Updated Api data in Anshu_new Branch "
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
fatal: Anshu_New cannot be resolved to branch
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
PS C:\Users\anshu\linux-commands-practice> git push -u origin Anshu_New
PS C:\Users\anshu\linux-commands-practice> git add data.json
>> git commit -m "Resolved merge conflict using Anshu_new changes"
>>
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
PS C:\Users\anshu\linux-commands-practice> git push origin main
>>
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:AnshuCareer/linux-commands-practice.git
   bc204de..e5442bd  main -> main
PS C:\Users\anshu\linux-commands-practice>
```

—--
-

3. **Branch Creation**:

- Create two branches: `master_1` and `master_2` from the `main` branch.
- **Feature Development in** `master_1`:
- In the `master_1` branch, create a **To-Do Page** in the frontend.
    - The page should contain a form with the following fields:
        - **Item Name**
        - **Item Description**
- **Backend API in** `master_2`:
- In the `master_2` branch, create a backend route named `/submittodoitem`.
- This route will:
    - Accept `itemName` and `itemDescription` via a POST request.
    - Store these details in a MongoDB database.
- **Merging Changes**:
- Merge the changes from both `master_1` and `master_2` into the `main` branch.

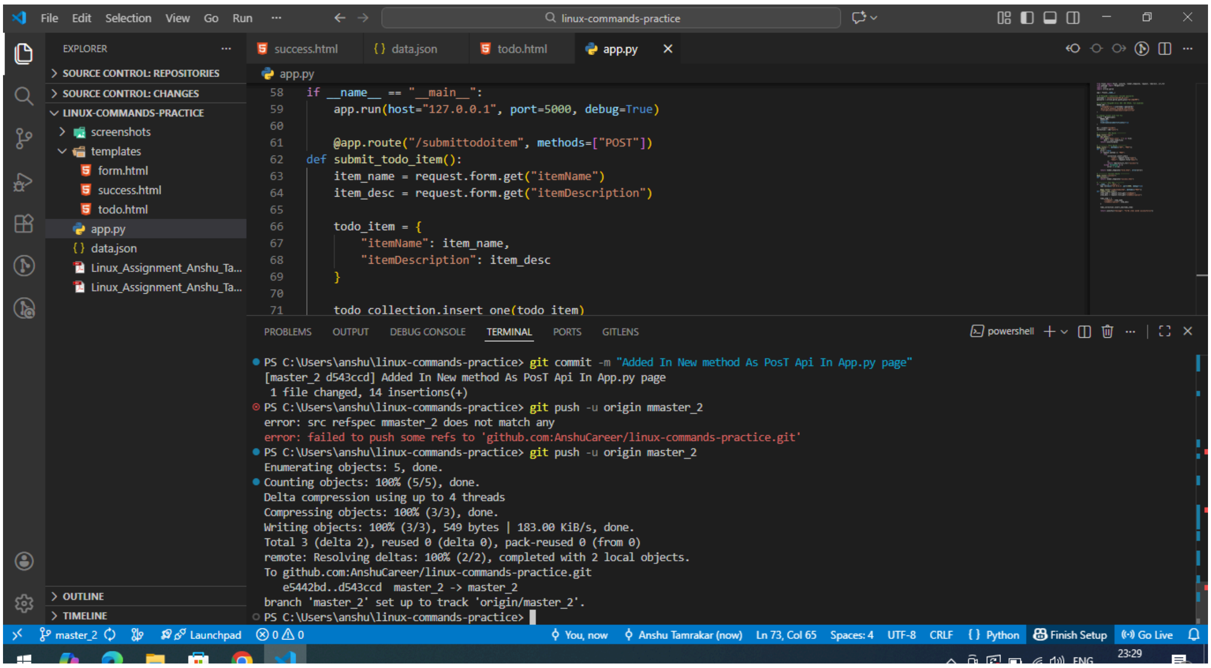
Ans



```html
<!DOCTYPE html>
<html>
<head>
    <title>To Do</title>
</head>
<body>
    <h2>To-Do Form</h2>
    <form action="/submittodoitem" method="post">
        <input type="text" name="itemName" placeholder="Item Name" required><br><br>
        <textarea name="itemDescription" placeholder="Item Description" required></textarea><br><br>
        <button type="submit">Submit</button>
    </form>
</body>
</html>
```

```
PS C:\Users\anshu\linux-commands-practice> git checkout -b master_1
PS C:\Users\anshu\linux-commands-practice> git add .
PS C:\Users\anshu\linux-commands-practice> git commit -m "Added Ne template html file in todo"
[master_1 7f0d8ec] Added Ne template html file in todo
 1 file changed, 14 insertions(+)
 create mode 100644 templates/todo.html
PS C:\Users\anshu\linux-commands-practice> git push -u origin master_1
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 611 bytes | 305.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:AnshuCareer/linux-commands-practice.git
   e5442bd..7f0d8ec  master_1 -> master_1
branch 'master_1' set up to track 'origin/master_1'.
PS C:\Users\anshu\linux-commands-practice>
```

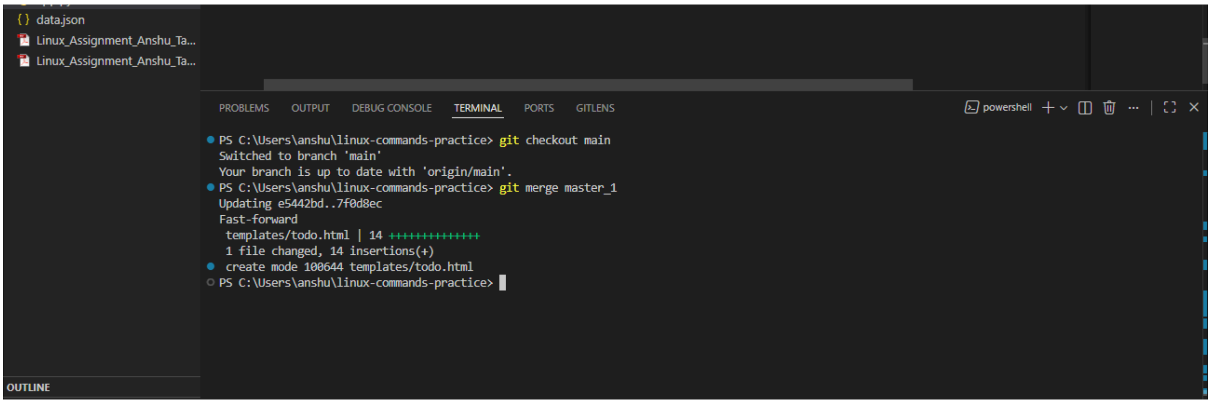
Reated Master_1 completed



```python
if __name__ == "__main__":
    app.run(host="127.0.0.1", port=5000, debug=True)

    @app.route("/submittodoitem", methods=["POST"])
def submit_todo_item():
    item_name = request.form.get("itemName")
    item_desc = request.form.get("itemDescription")

    todo_item = {
        "itemName": item_name,
        "itemDescription": item_desc
    }

    todo_collection.insert_one(todo_item)
```

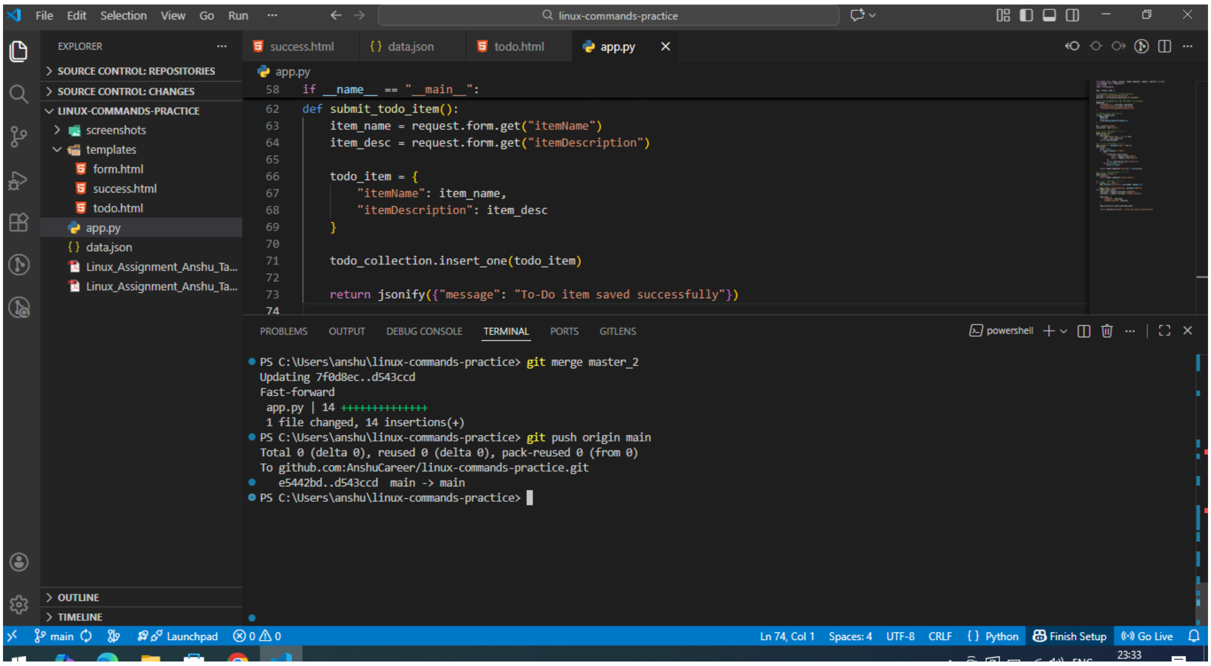
```
PS C:\Users\anshu\linux-commands-practice> git commit -m "Added In New method As PosT Api In App.py page"
[master_2 d543ccd] Added In New method As PosT Api In App.py page
 1 file changed, 14 insertions(+)
PS C:\Users\anshu\linux-commands-practice> git push -u origin mmaster_2
error: src refspec mmaster_2 does not match any
error: failed to push some refs to 'github.com:AnshuCareer/linux-commands-practice.git'
PS C:\Users\anshu\linux-commands-practice> git push -u origin master_2
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), 549 bytes | 183.00 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.
To github.com:AnshuCareer/linux-commands-practice.git
   e5442bd..d543ccd  master_2 -> master_2
branch 'master_2' set up to track 'origin/master_2'.
PS C:\Users\anshu\linux-commands-practice>
```

related Master_2 Completed



```
PS C:\Users\anshu\linux-commands-practice> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\anshu\linux-commands-practice> git merge master_1
Updating e5442bd..7f0d8ec
Fast-forward
 templates/todo.html | 14 ++++++++++++++
 1 file changed, 14 insertions(+)
 create mode 100644 templates/todo.html
PS C:\Users\anshu\linux-commands-practice>
```

Merge the Master_1 into mian branch



```
if __name__ == "__main__":
def submit_todo_item():
    item_name = request.form.get("itemName")
    item_desc = request.form.get("itemDescription")

    todo_item = {
        "itemName": item_name,
        "itemDescription": item_desc
    }

    todo_collection.insert_one(todo_item)

    return jsonify({"message": "To-Do item saved successfully"})
```

```
PS C:\Users\anshu\linux-commands-practice> git merge master_2
Updating 7f0d8ec..d543ccd
Fast-forward
 app.py | 14 ++++++++++++++
 1 file changed, 14 insertions(+)
PS C:\Users\anshu\linux-commands-practice> git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:AnshuCareer/linux-commands-practice.git
   e5442bd..d543ccd  main -> main
PS C:\Users\anshu\linux-commands-practice>
```

Here all Merge Main to main now .

Ex : Two branches named master_1 and master_2 were created from the main branch.
In the master_1 branch, a frontend To-Do page was developed with fields for Item Name and Item Description.
In the master_2 branch, a backend APi submit was implemented to accept form data via POST request and store it in MongoDB.
Finally, the changes from both branches were merged into the main branch..

—---

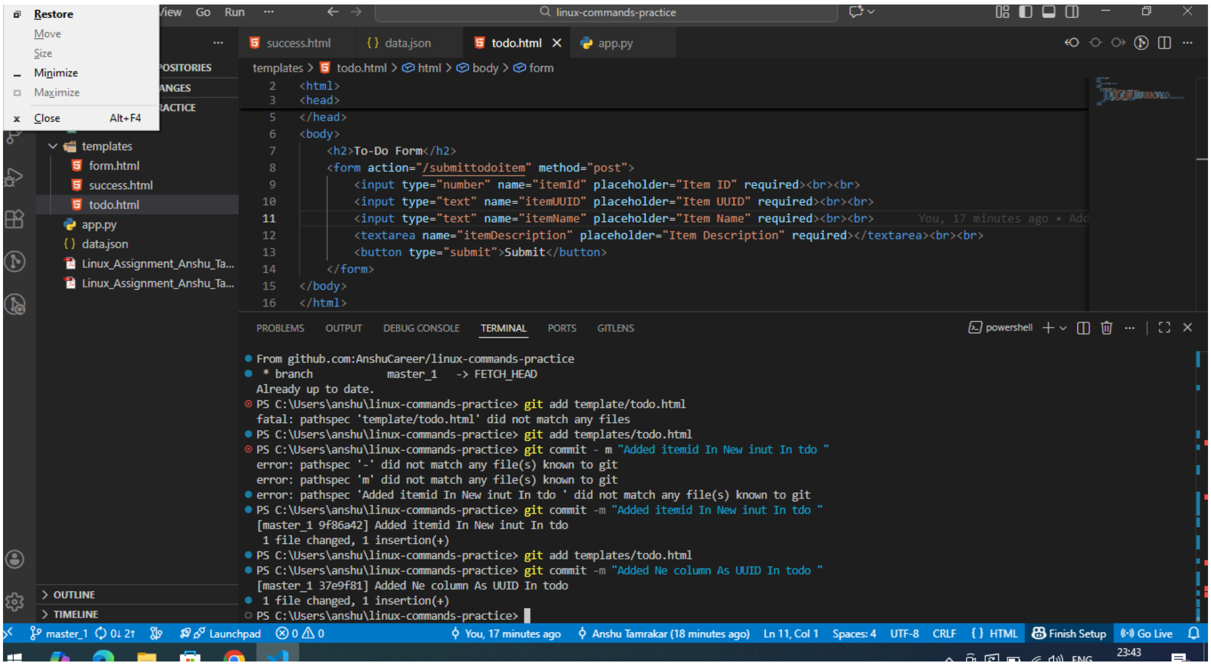
4. **Enhancing the To-Do Form in `master_1`:**

- In the `master_1` branch, add the following fields to the To-Do form:
  - **Item ID**
  - **Item UUID**
  - **Item Hash**

- **Committing in Sequence**:
- Add and commit each field separately in the following order:
    - **First commit**: Add **Item ID** field.
    - **Second commit**: Add **Item UUID** field.
    - **Third commit**: Add **Item Hash** field.
- **Merging to** `main`:
- Merge the `master_1` branch into the `main` branch.
- **Git Reset and Commit Deletion**:
- In the `main` branch, use **Git Reset** to roll back to the commit where only the **Item ID** field was added.
- Use `git reset --soft` to ensure changes remain staged.
- Re-commit this state to the `main` branch.
- Merge this updated state to the `main` branch.
- **Rebasing Changes**:
- Rebase the updated changes in the `main` branch to the `master_1` branch.

  Clarification:
    - During rebasing, **preserve individual commits** to maintain the commit history for each change (i.e., do not squash commits).

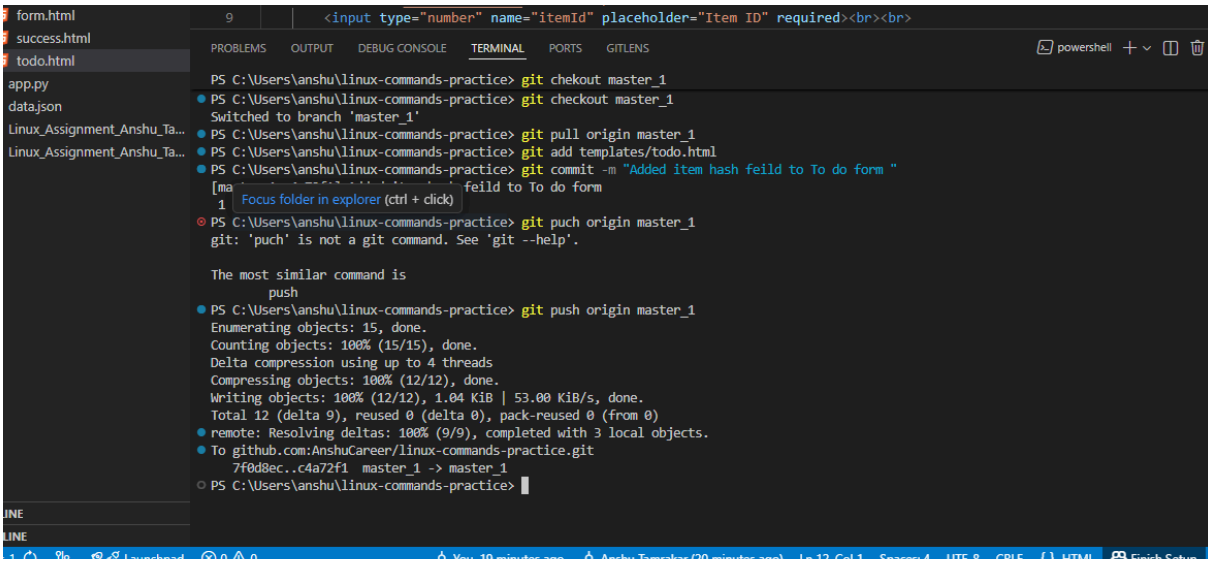
Use `git rebase main master_1` to integrate changes from the `main` branch back into the `master_1` branch.
Ans : 4



```html
<html>
<head>
</head>
<body>
    <h2>To-Do Form</h2>
    <form action="/submittodoitem" method="post">
        <input type="number" name="itemId" placeholder="Item ID" required><br><br>
        <input type="text" name="itemUUID" placeholder="Item UUID" required><br><br>
        <input type="text" name="itemName" placeholder="Item Name" required><br><br>        You, 17 minutes ago • Add
        <textarea name="itemDescription" placeholder="Item Description" required></textarea><br><br>
        <button type="submit">Submit</button>
    </form>
</body>
</html>
```

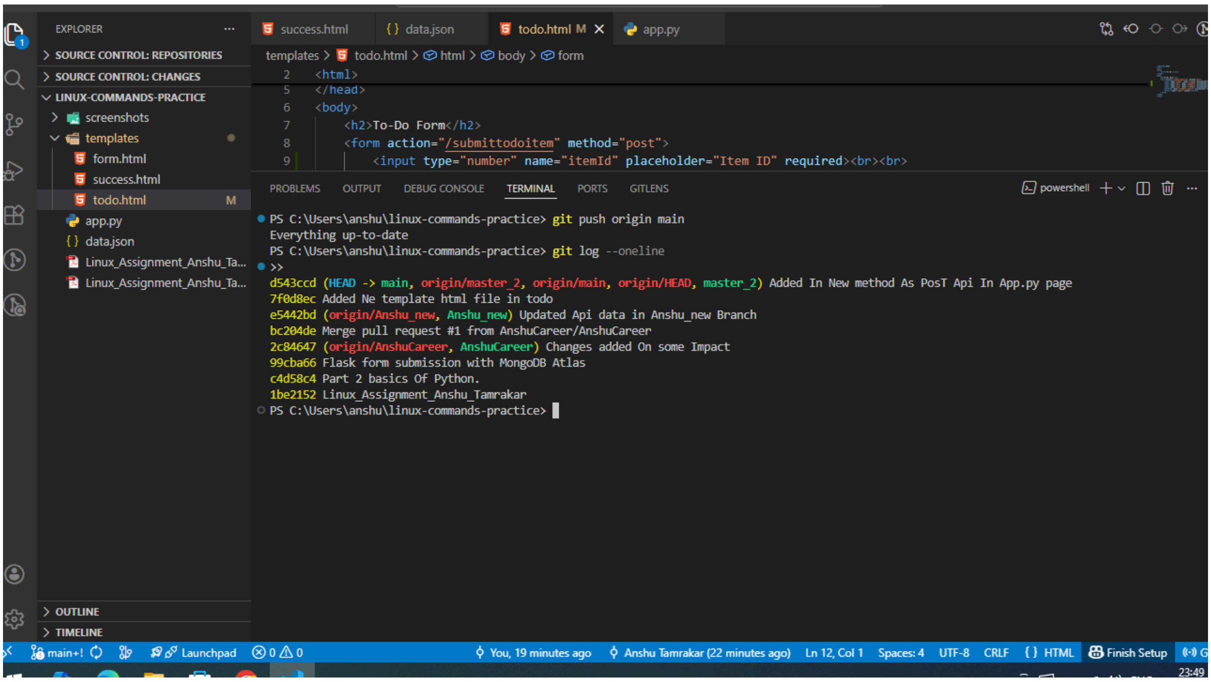
```
From github.com:AnshuCareer/linux-commands-practice
 * branch            master_1   -> FETCH_HEAD
Already up to date.
PS C:\Users\anshu\linux-commands-practice> git add template/todo.html
fatal: pathspec 'template/todo.html' did not match any files
PS C:\Users\anshu\linux-commands-practice> git add templates/todo.html
PS C:\Users\anshu\linux-commands-practice> git commit - m "Added itemid In New inut In tdo "
error: pathspec '-' did not match any file(s) known to git
error: pathspec 'm' did not match any file(s) known to git
error: pathspec 'Added itemid In New inut In tdo ' did not match any file(s) known to git
PS C:\Users\anshu\linux-commands-practice> git commit -m "Added itemid In New inut In tdo "
[master_1 9f86a42] Added itemid In New inut In tdo
 1 file changed, 1 insertion(+)
PS C:\Users\anshu\linux-commands-practice> git add templates/todo.html
PS C:\Users\anshu\linux-commands-practice> git commit -m "Added Ne column As UUID In todo "
[master_1 37e9f81] Added Ne column As UUID In todo
 1 file changed, 1 insertion(+)
PS C:\Users\anshu\linux-commands-practice>
```

Added Item Id & UUID two New inputs With command s
Next I need To Add



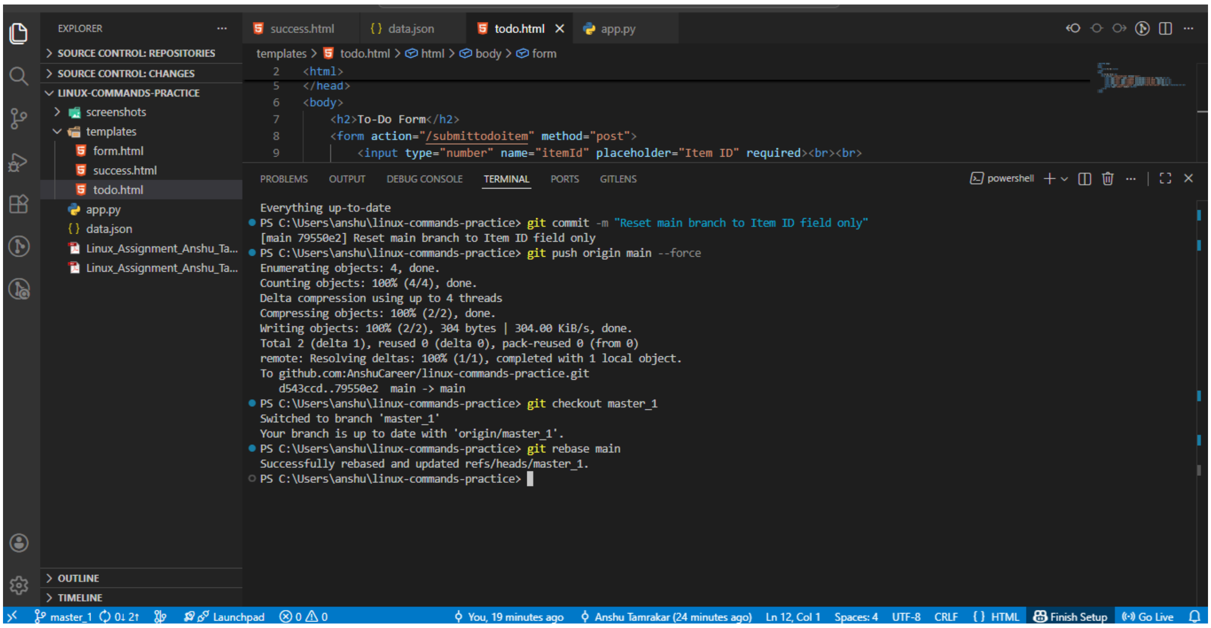
```
<input type="number" name="itemId" placeholder="Item ID" required><br><br>
```

```
PS C:\Users\anshu\linux-commands-practice> git chekout master_1
PS C:\Users\anshu\linux-commands-practice> git checkout master_1
Switched to branch 'master_1'
PS C:\Users\anshu\linux-commands-practice> git pull origin master_1
PS C:\Users\anshu\linux-commands-practice> git add templates/todo.html
PS C:\Users\anshu\linux-commands-practice> git commit -m "Added item hash feild to To do form "
[ma                                   feild to To do form
 1
PS C:\Users\anshu\linux-commands-practice> git puch origin master_1
git: 'puch' is not a git command. See 'git --help'.

The most similar command is
        push
PS C:\Users\anshu\linux-commands-practice> git push origin master_1
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 4 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (12/12), 1.04 KiB | 53.00 KiB/s, done.
Total 12 (delta 9), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (9/9), completed with 3 local objects.
To github.com:AnshuCareer/linux-commands-practice.git
   7f0d8ec..c4a72f1  master_1 -> master_1
PS C:\Users\anshu\linux-commands-practice> 
```



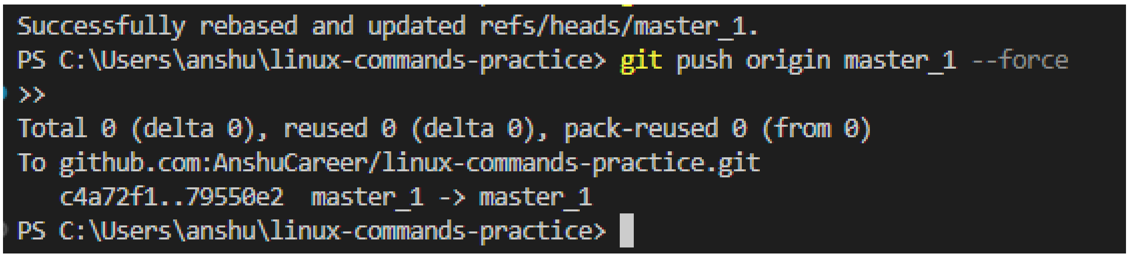
```
<html>
</head>
<body>
    <h2>To-Do Form</h2>
    <form action="/submittodoitem" method="post">
        <input type="number" name="itemId" placeholder="Item ID" required><br><br>
```

```
PS C:\Users\anshu\linux-commands-practice> git push origin main
Everything up-to-date
PS C:\Users\anshu\linux-commands-practice> git log --oneline
>>
d543ccd (HEAD -> main, origin/master_2, origin/main, origin/HEAD, master_2) Added In New method As PosT Api In App.py page
7f0d8ec Added Ne template html file in todo
e5442bd (origin/Anshu_new, Anshu_new) Updated Api data in Anshu_new Branch
bc204de Merge pull request #1 from AnshuCareer/AnshuCareer
2c84647 (origin/AnshuCareer, AnshuCareer) Changes added On some Impact
99cba66 Flask form submission with MongoDB Atlas
c4d58c4 Part 2 basics Of Python.
1be2152 Linux_Assignment_Anshu_Tamrakar
PS C:\Users\anshu\linux-commands-practice> 
```



```
<html>
</head>
<body>
    <h2>To-Do Form</h2>
    <form action="/submittodoitem" method="post">
        <input type="number" name="itemId" placeholder="Item ID" required><br><br>
```

```
Everything up-to-date
PS C:\Users\anshu\linux-commands-practice> git commit -m "Reset main branch to Item ID field only"
[main 79550e2] Reset main branch to Item ID field only
PS C:\Users\anshu\linux-commands-practice> git push origin main --force
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% (2/2), 304 bytes | 304.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:AnshuCareer/linux-commands-practice.git
   d543ccd..79550e2  main -> main
PS C:\Users\anshu\linux-commands-practice> git checkout master_1
Switched to branch 'master_1'
Your branch is up to date with 'origin/master_1'.
PS C:\Users\anshu\linux-commands-practice> git rebase main
Successfully rebased and updated refs/heads/master_1.
PS C:\Users\anshu\linux-commands-practice>
```



```
Successfully rebased and updated refs/heads/master_1.
PS C:\Users\anshu\linux-commands-practice> git push origin master_1 --force
>>
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:AnshuCareer/linux-commands-practice.git
   c4a72f1..79550e2  master_1 -> master_1
PS C:\Users\anshu\linux-commands-practice>
```

The To-Do form was enhanced in the master_1 branch by adding Item ID, Item UUID, and Item Hash fields.

Each field was committed separately to preserve commit history.

The branch was merged into the main branch.

Git soft reset was used to roll back the main branch to the commit where only the Item ID field was added, and the state was re-committed.

Finally, the updated main branch changes were rebased into the master_1 branch while preserving individual commits.