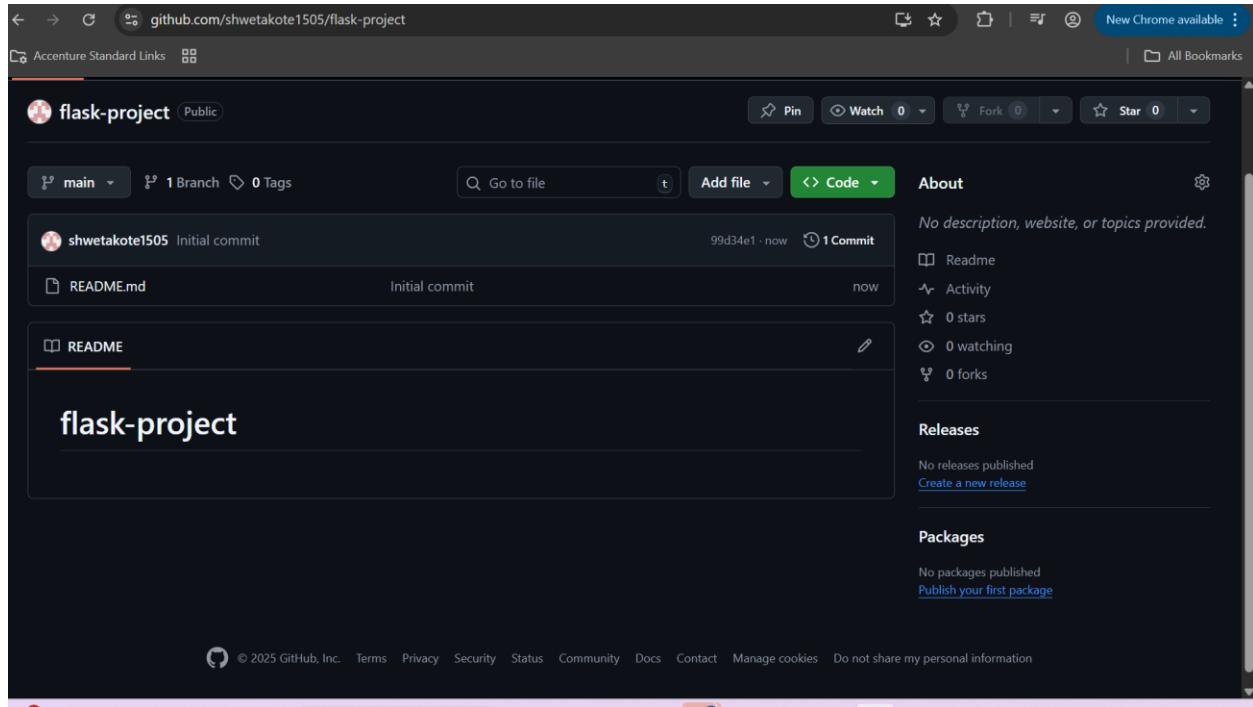


Create a new GitHub repository.

- **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.**

New Repository created .



Git hub ssh key added.

The screenshot shows the 'SSH keys' section of a GitHub account settings page. On the left, there's a sidebar with various account management options like Public profile, Account, Appearance, Accessibility, Notifications, Access, Billing and licensing, Emails, Password and authentication, Sessions, SSH and GPG keys (which is selected), Organizations, Enterprises, and Moderation. The main area is titled 'SSH keys' and contains a list of keys. One key is listed under the heading 'Authentication keys':

Key Name	Key Fingerprint	Added On	Last Used	Action
Devops	SHA256:FC43Xcs1rbgGzCaoh1KVRhblpwI4rzj6cDtbpUPau0	Added on Dec 9, 2025	Never used — Read/write	Delete

Below this, there's a note about connecting to GitHub using SSH keys and troubleshooting common SSH problems. The 'GPG keys' section is also shown, indicating no keys are associated with the account. The 'Vigilant mode' section includes an option to flag unsigned commits as unverified.

New branch.

```
$ git clone git@github.com:shwetakote1505/flask-project.git
Cloning into 'flask-project'...
The authenticity of host 'github.com (20.207.73.82)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3vvV6TuJJhbhpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository (master)
$ cd flask-project

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git checkout -b shwetakote1505
Switched to a new branch 'shwetakote1505'
```

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

```
$ git add .
warning: in the working copy of 'templates/index.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'templates/success.html', LF will be replaced by CRLF the next time Git touches it
shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (shwetakote1505)
$ git commit -m "Added flash project files"
[shwetakote1505 25a40f0] Added flash project files
Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

6 files changed, 119 insertions(+)
create mode 100644 .env
create mode 100644 app.py
create mode 100644 requirements.txt
create mode 100644 static/script.js
create mode 100644 templates/index.html
create mode 100644 templates/success.html

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (shwetakote1505)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git merge shwetakote1505
Updating 99d34e1..25a40f0
Fast-forward
.env      |  5 +++
app.py    | 68 ++++++-----+
requirements.txt |  0
static/script.js | 23 ++++++-----+
templates/index.html | 20 ++++++-----+
templates/success.html |  3 +++
6 files changed, 119 insertions(+)
create mode 100644 .env
create mode 100644 app.py
create mode 100644 requirements.txt
create mode 100644 static/script.js
create mode 100644 templates/index.html
create mode 100644 templates/success.html
```

```
$ git push origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (10/10), 2.04 KiB | 67.00 KiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:shwetakote1505/flask-project.git
  99d34e1..25a40f0  main -> main
```

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.

There were no conflict in merge so only commit is there.

```
$ git add data.json
git commit -m "Updated API JSON content for /api route"
warning: in the working copy of 'data.json', LF will be replaced by CRLF the next time Git touches it
[shwetakote1505_new a110113] Updated API JSON content for /api route
  Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:
  git commit --amend --reset-author

1 file changed, 17 insertions(+)
create mode 100644 data.json

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (shwetakote1505_new)
$ 

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (shwetakote1505_new)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git merge shwetakote1505_new
Updating 25a40f0..a110113
Fast-forward
  data.json | 17 ++++++=====
  1 file changed, 17 insertions(+)
  create mode 100644 data.json

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 408 bytes | 10.00 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:shwetakote1505/flask-project.git
  25a40f0..a110113  main -> main

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ |
```

```

$ git checkout main
git checkout -b master_2
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
Switched to a new branch 'master_2'

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_2)
$ git checkout master_1
Switched to branch 'master_1'

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ cd templates
touch todo.html
cd ..

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ vi templates/
shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ vi todo.html

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ vi app.py

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git add .
warning: in the working copy of 'gysu', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'todo.html', LF will be replaced by CRLF the next time Git touches it

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git commit -m "Change are done in html and app.py"
[master_1 1fc0f23] Change are done in html and app.py
Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

4 files changed, 349 insertions(+)
create mode 100644 gysu
create mode 100644 templates/todo.html
create mode 100644 todo.html

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)

```

```

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_2)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git merge master_1
Updating a110113..1fc0f23
Fast-forward
 app.py      |    3 +
 gysu        |  324 ++++++++++++++++++++++++++++++++++++++++++++++++++++++
 templates/todo.html |    0
 todo.html   |   22 +++
 4 files changed, 349 insertions(+)
 create mode 100644 gysu
 create mode 100644 templates/todo.html
 create mode 100644 todo.html

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git merge master_2
Updating 1fc0f23..2f3e3a7
Fast-forward
 app.py |  76 +++++++++++++++++++++++++++++++++-----+
 1 file changed, 69 insertions(+), 7 deletions(-)

```

Code

flask-project Public

main 1 Branch 0 Tags

Go to file Add file Code

Kote	Updated API JSON content for /api route	a110113 · 3 hours ago	2 Commits
static	Added flash project files	4 hours ago	
templates	Added flash project files	4 hours ago	
.env	Added flash project files	4 hours ago	
README.md	Initial commit	4 hours ago	
app.py	Added flash project files	4 hours ago	
requirements.txt	Added flash project files	4 hours ago	

README

```

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git checkout master_1
Switched to branch 'master_1'

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ vi templates/todo.html

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git add .
warning: in the working copy of 'templates/todo.html', LF will be replaced by CRLF the next time Git touches it

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git commit -m "Added Item ID field to To-Do form"
[master_1 cbbba1f] Added Item ID field to To-Do form
  Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 3 insertions(+)

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ vi templates/todo.html

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git add .
warning: in the working copy of 'templates/todo.html', LF will be replaced by CRLF the next time Git touches it

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git commit -m "Added item UUID field to To-Do form"
[master_1 33970cd] Added item UUID field to To-Do form
  Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 2 insertions(+)

shweta.suresh.kote@bcd7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ |

```

```
$ git log --oneline
ed58c123 (HEAD -> main) Merge branch 'master_1' merge
e58c123 (master_1) Added Item Hash field to To-Do form
33970cd Added Item UUID field to To-Do form
cbbba1f Added Item ID field to To-Do form
e7bc234 Merge branch 'master_1'
95be75e Added Item ID field
zf3e3a7 (master_2) Merge branch 'master_1' into master_2
02e8cd5 created backend API
lfc0f23 Change are done in html and app.py
a110113 (origin/main, origin/HEAD, shwetakote1505_new) Updated API JSON content for /api route
25a40f0 (shwetakote1505) Added flash project files
99d34e1 Initial commit
```

```
$ git reset --soft 95be75e
shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git commit -m "Re-commit state with only Item ID field"
[main 9fd440b] Re-commit state with only Item ID field
Committer: Kote <shweta.suresh.kote@accenture.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

git config --global user.name "Your Name"
git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 7 insertions(+)
```

```
interactive rebase in progress, onto 9fd440b
Last commands done (3 commands done):
pick 33970cd # Added Item UUID field to To-Do form
pick e58c123 # Added Item Hash field to To-Do form
(see more in file .git/rebase-merge/done)
No commands remaining.
You are currently rebasing branch 'master_1' on '9fd440b'.
(all conflicts fixed: run "git rebase --continue")

nothing to commit, working tree clean

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1|REBASE 3/3)
$ git rebase --continue
Successfully rebased and updated refs/heads/master_1.

shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ |
```

after using soft reset in main only item id is left

```
shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (main)
$ git log --oneline
9fd440b (HEAD -> main, origin/main, origin/HEAD) Re-commit state with only Item ID field
95be75e Added Item ID field
02e8cd5 created backend API
a110113 (shwetakote1505_new) Updated API JSON content for /api route
25a40f0 (shwetakote1505) Added flash project files
99d34e1 Initial commit
```

History for master_1 branch

```
shweta.suresh.kote@bdc7-1-hcr9yb4 MINGW64 ~/Desktop/Git Repository/flask-project (master_1)
$ git log --oneline
8eef1b3 (HEAD -> master_1) Hash item added to todo file
0d34705 (origin/master_1) Added Item UUID field to To-Do form
ba16355 Added Item ID field to To-Do form
9fd440b (origin/main, origin/HEAD, main) Re-commit state with only Item ID field
95be75e Added Item ID field
02e8cd5 created backend API
a110113 (shwetakote1505_new) Updated API JSON content for /api route
25a40f0 (shwetakote1505) Added flash project files
99d34e1 Initial commit
```