

GIT Hands-On

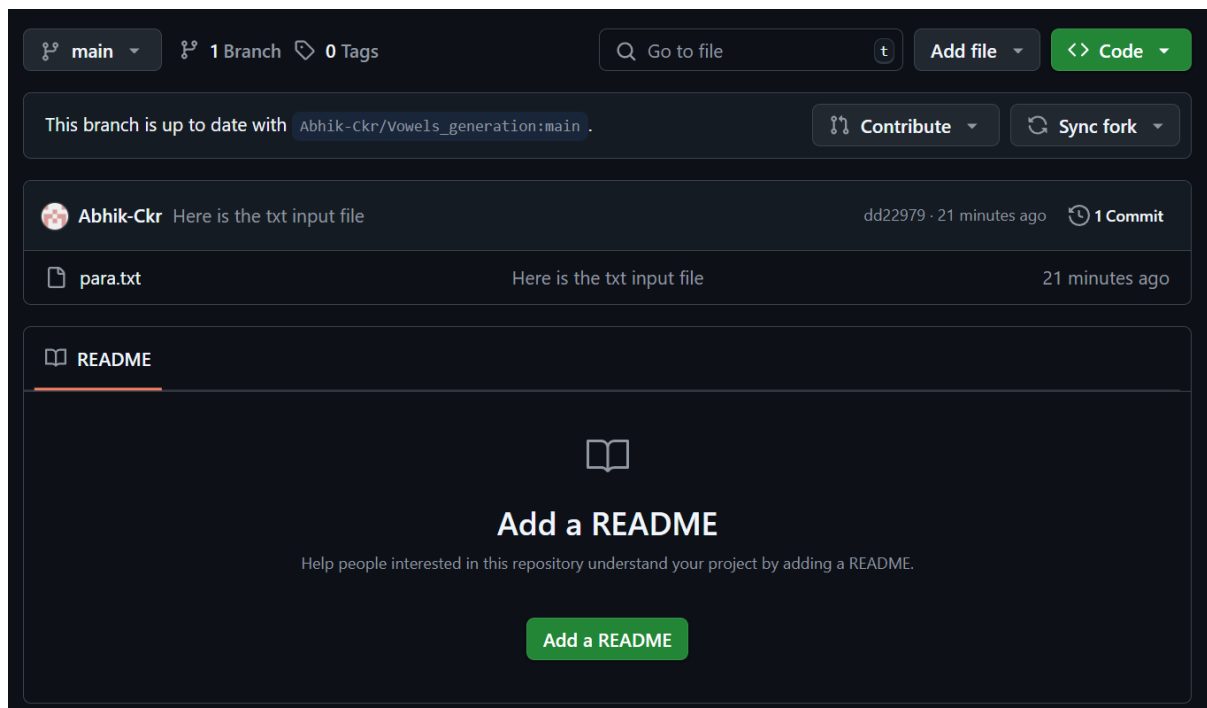
Jahnavi Lakshmi Muttireddy

Abhik Chakraborty

1. Git init

```
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation> git init
Initialized empty Git repository in C:/Users/JahnaviLakshmiMuttir/Desktop/Vowel_generation/.git/
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation>
```

2. Git fork



3. Git Clone

```
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation> git clone https://github.com/jahnavi-lm/Vowels_generation.git
Cloning into 'Vowels_generation'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation>
```

4. Git status

```
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation\Vowels_generation> git status
On branch java-functionality
nothing to commit, working tree clean
```

5. Git add
6. Git commit
7. Git commit -m

```
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation\Vowels_generation> git add .
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation\Vowels_generation> git commit -m "Adding the Functionality with output file"
[java-functionality cda18ab] Adding the Functionality with output file
Committer: Jahnavi Lakshmi Muttireddy <jahnavi.muttireddy@bounteous.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. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

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

    git commit --amend --reset-author

4 files changed, 121 insertions(+)
create mode 100644 .gitignore
create mode 100644 Vowelgen.class
create mode 100644 Vowelgen.java
create mode 100644 vowel words output.txt
```

8. Git push

```
PS C:\Users\JahnaviLakshmiMuttir\Desktop\Vowel_generation\Vowels_generation> git push origin java-functionality
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 3.42 KiB | 159.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'java-functionality' on GitHub by visiting:
remote:   https://github.com/jahnavi-lm/Vowels_generation/pull/new/java-functionality
remote:
To https://github.com/jahnavi-lm/Vowels_generation.git
* [new branch]      java-functionality -> java-functionality
```

9. Git rebase

```

pick cda18ab Adding the Functionality with output file
pick 8b3503b fixed the gitignore
pick 6a094a2 removed the comments

# Rebase dd22979..6a094a2 onto dd22979 (3 commands)
#
# Commands:
# p, pick <commit> = use commit
# r, reword <commit> = use commit, but edit the commit message
# e, edit <commit> = use commit, but stop for amending
# s, squash <commit> = use commit, but meld into previous commit
# f, fixup [-C | -c] <commit> = like "squash" but keep only the previous
#                               commit's log message, unless -C is used, in which case
#                               keep only this commit's message; -c is same as -C but
#                               opens the editor
# x, exec <command> = run command (the rest of the line) using shell
# b, break = stop here (continue rebase later with 'git rebase --continue')
# d, drop <commit> = remove commit
# l, label <label> = label current HEAD with a name
# t, reset <label> = reset HEAD to a label
# m, merge [-C <commit> | -c <commit>] <label> [# <oneline>]
#     create a merge commit using the original merge commit's
.git/rebase-merge/git-rebase-todo [unix] (16:12 26/05/2025) 1,1 Top

```

10. Git stash

```

PS C:\Users\AbhikChakraborty\Desktop\generating vowels> git rebase -i HEAD~3
[detached HEAD b7102fe] fixed the gitignore and removed the unnecessary comments
Date: Mon May 26 16:10:29 2025 +0530
Committer: Abhik Chakraborty <abhik.chakraborty@bounteous.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. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

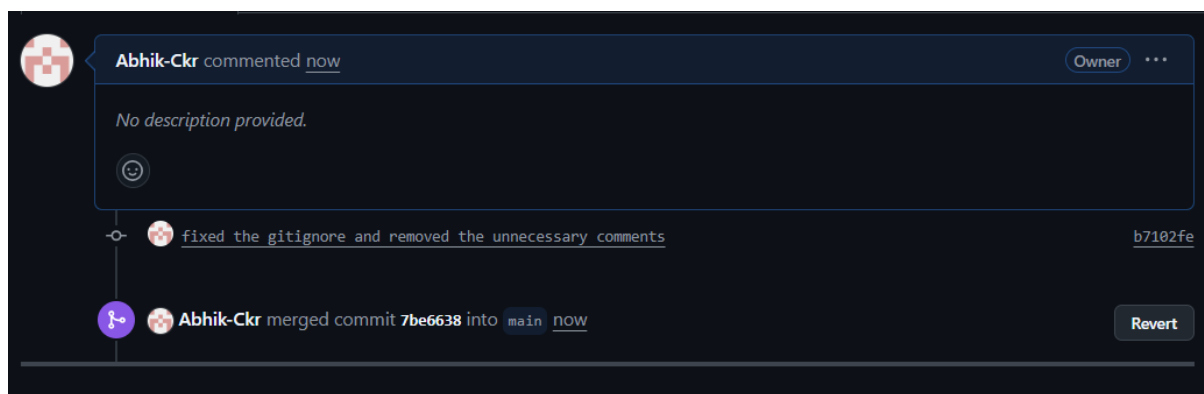
After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

2 files changed, 6 insertions(+), 6 deletions(-)
Successfully rebased and updated refs/heads/feature-branch.

```

Multiple commit to a single commit



The screenshot shows a GitHub interface. At the top, a notification from 'Abhik-Ckr' says 'commented now' with a link to 'now'. Below this is a comment box with the text 'No description provided.' and a smiley face emoji. The main part of the screenshot shows a commit history. A commit by 'Abhik-Ckr' is shown with the message 'fixed the gitignore and removed the unnecessary comments' and the commit hash 'b7102fe'. Below this, a merge action is shown where 'Abhik-Ckr' merged commit '7be6638' into 'main' 'now'. A 'Revert' button is visible next to the merge action.

Merging Pull Request

Adding the Functionality with output file #1

Open

jahnvi-lm wants to merge 1 commit into [Abhis-0kr:main](#) from [jahnvi-lm:java-functionality](#)

Conversation 0

Commits 1

Checks 0

Files changed 4

+121 -0

jahnvi-lm commented now

First-time contributor

No description provided.

Adding the Functionality with output file

cdsl8ab

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

Add your comment here...

Markdown is supported

Paste, drop, or click to add files

Close pull request

Comment

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

Subscribe

You're not receiving notifications from this thread.