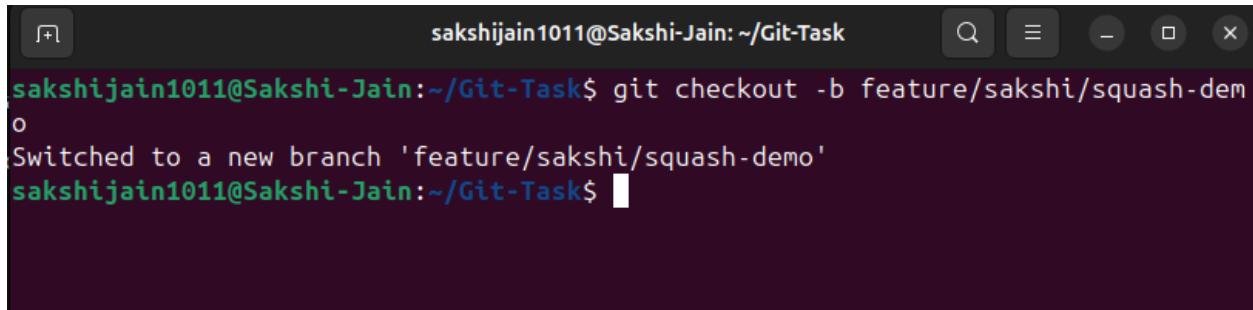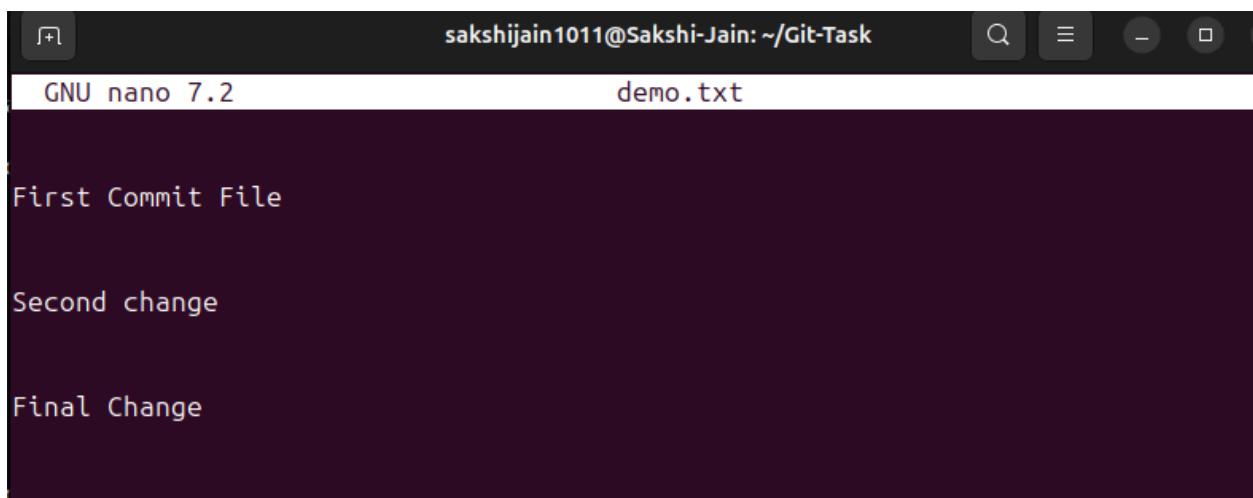# 1. Create a feature branch


```
sakshijain1011@Sakshi-Jain:~/Git-Task$ git checkout -b feature/sakshi/squash-dem
o
Switched to a new branch 'feature/sakshi/squash-demo'
sakshijain1011@Sakshi-Jain:~/Git-Task$ 
```
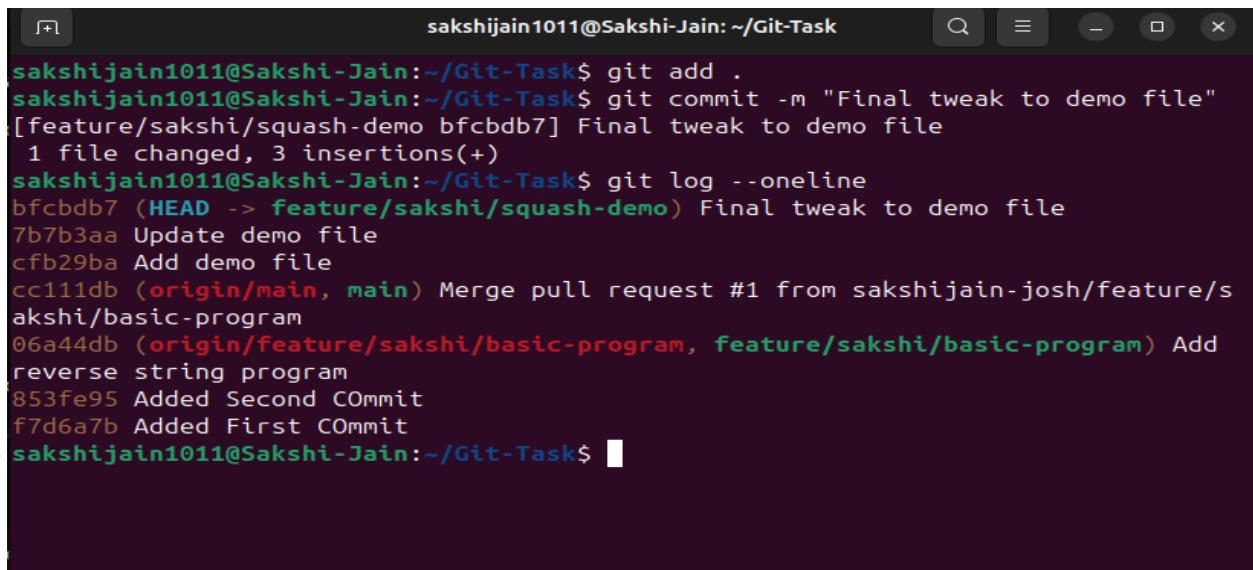
2. Make 3 small commits


```
GNU nano 7.2                        demo.txt

First Commit File


Second change


Final Change
```



```
sakshijain1011@Sakshi-Jain:~/Git-Task$ git add .
sakshijain1011@Sakshi-Jain:~/Git-Task$ git commit -m "Final tweak to demo file"
[feature/sakshi/squash-demo bfcbdb7] Final tweak to demo file
 1 file changed, 3 insertions(+)
sakshijain1011@Sakshi-Jain:~/Git-Task$ git log --oneline
bfcbdb7 (HEAD -> feature/sakshi/squash-demo) Final tweak to demo file
7b7b3aa Update demo file
cfb29ba Add demo file
cc111db (origin/main, main) Merge pull request #1 from sakshijain-josh/feature/s
akshi/basic-program
06a44db (origin/feature/sakshi/basic-program, feature/sakshi/basic-program) Add
reverse string program
853fe95 Added Second COmmit
f7d6a7b Added First COmmit
sakshijain1011@Sakshi-Jain:~/Git-Task$ 
```

3. Squash them into 1 commit using interactive rebase

```
    /home/sakshijain1011/Git-Task/.git/rebase-merge/git-rebase-todo *
pick cfb29ba Add demo file
s 7b7b3aa Update demo file
s bfcbdb7 Final tweak to demo file

# Rebase cc111db..bfcbdb7 onto cc111db (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
```

```
^G Help        ^O Write Out ^W Where Is   ^K Cut        ^T Execute   ^C Location
^X Exit        ^R Read File ^\ Replace    ^U Paste      ^J Justify   ^/ Go To Line
```

```
  GNU nano 7.2     /home/sakshijain1011/Git-Task/.git/COMMIT_EDITMSG *
# This is a combination of 3 commits.
# This is the 1st commit message

Final demo files

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:        Wed Jan 7 13:25:13 2026 +0530
#
# interactive rebase in progress; onto cc111db
# Last commands done (3 commands done):
#    squash 7b7b3aa Update demo file
#    squash bfcbdb7 Final tweak to demo file
# No commands remaining.
# You are currently rebasing branch 'feature/sakshi/squash-demo' on 'cc111db'.
#
# Changes to be committed:
#       new file:    demo.txt
#
```

```
^G Help        ^O Write Out ^W Where Is   ^K Cut        ^T Execute   ^C Location
^X Exit        ^R Read File ^\ Replace    ^U Paste      ^J Justify   ^/ Go To Line
```

```
sakshijain1011@Sakshi-Jain:~/Git-Task$ git rebase -i HEAD~3
[detached HEAD 68b2d36] Final demo files
 Date: Wed Jan 7 13:25:13 2026 +0530
 1 file changed, 9 insertions(+)
 create mode 100644 demo.txt
Successfully rebased and updated refs/heads/feature/sakshi/squash-demo.
sakshijain1011@Sakshi-Jain:~/Git-Task$ git log --oneline
68b2d36 (HEAD -> feature/sakshi/squash-demo) Final demo files
cc111db (origin/main, main) Merge pull request #1 from sakshijain-josh/feature/s
akshi/basic-program
06a44db (origin/feature/sakshi/basic-program, feature/sakshi/basic-program) Add
reverse string program
853fe95 Added Second COmmit
f7d6a7b Added First COmmit
sakshijain1011@Sakshi-Jain:~/Git-Task$
```

4. Push updated branch

```
sakshijain1011@Sakshi-Jain:~/Git-Task$ git push origin feature/sakshi/squash-dem
o --force
Username for 'https://github.com': sakshijain-josh
Password for 'https://sakshijain-josh@github.com':
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), 380 bytes | 380.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'feature/sakshi/squash-demo' on GitHub by visi
ting:
remote:      https://github.com/sakshijain-josh/Git-Task/pull/new/feature/sakshi
/squash-demo
remote:
To https://github.com/sakshijain-josh/Git-Task.git
 * [new branch]      feature/sakshi/squash-demo -> feature/sakshi/squash-demo
sakshijain1011@Sakshi-Jain:~/Git-Task$
```

5. Raise PR

Add demo file (squashed commit) #2

Edit | <> Code ▾

⇡ **Merged** **sakshijain-josh** merged 1 commit into `main` from `feature/sakshi/squash-demo` 🗗 now

💬 Conversation 0 | ⊸ Commits 1 | ☑ Checks 0 | 📄 Files changed 1

+9 −0 ▪▪▪▪▪

sakshijain-josh commented now   Owner ···

This PR squashes 3 small commits into a single clean commit as required.

😊

⊸ 🐙 Final demo files   68b2d36

⑂ **Pull request successfully merged and closed**   **Delete branch**
You're all set — the `feature/sakshi/squash-demo` branch can be safely deleted.

Add a comment

Write | Preview   H B I ≔ <> 🔗 | ≔ ≔ ⌗ | 📎 @ ⮺ ↩ ⊡

Add your comment here...

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

                                                                          Comment

ⓘ Remember, contributions to this repository should follow our GitHub Community Guidelines.

💡 **ProTip!** Add .patch or .diff to the end of URLs for Git's plaintext views.

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
              🔕 Unsubscribe
You're receiving notifications because you modified the open/close state.