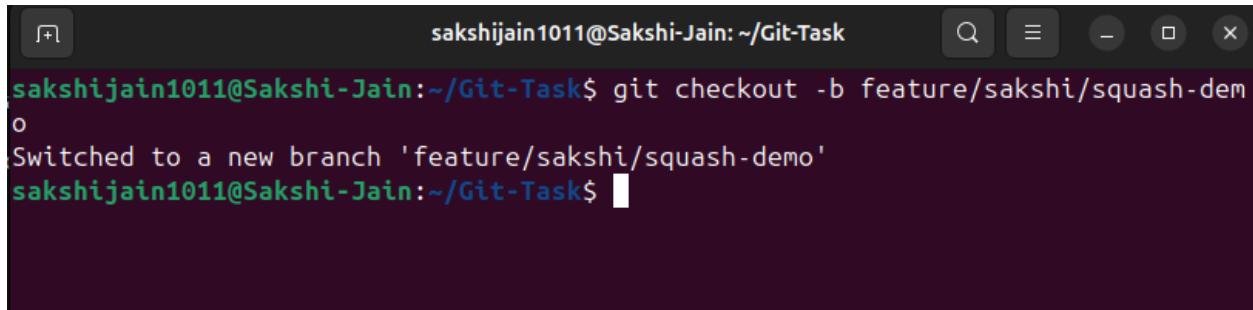
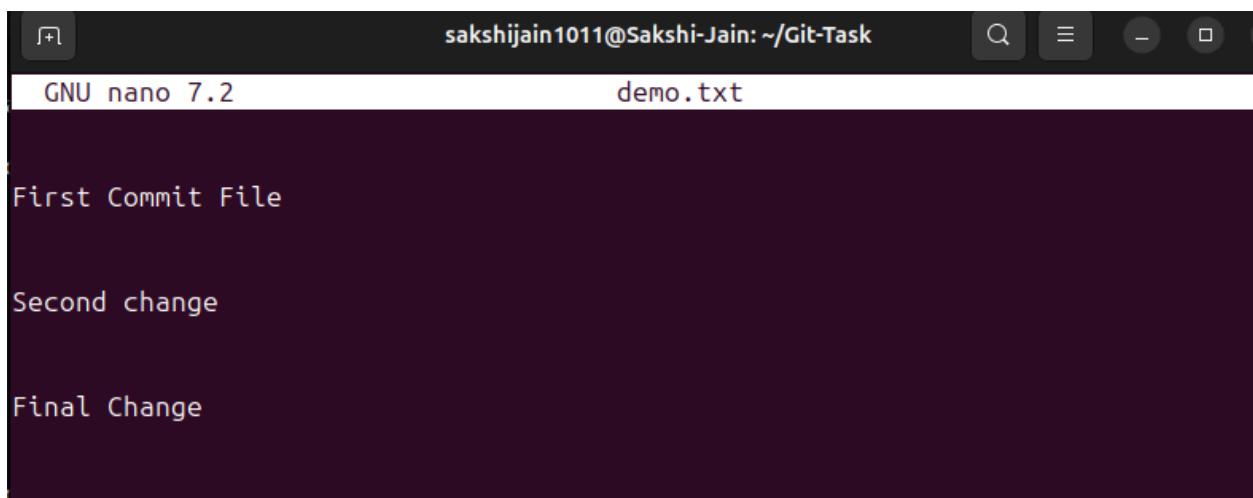


## 1. Create a feature branch



```
sakshijain1011@Sakshi-Jain:~/Git-Task$ git checkout -b feature/sakshi/squash-demo
Switched to a new branch 'feature/sakshi/squash-demo'
sakshijain1011@Sakshi-Jain:~/Git-Task$
```

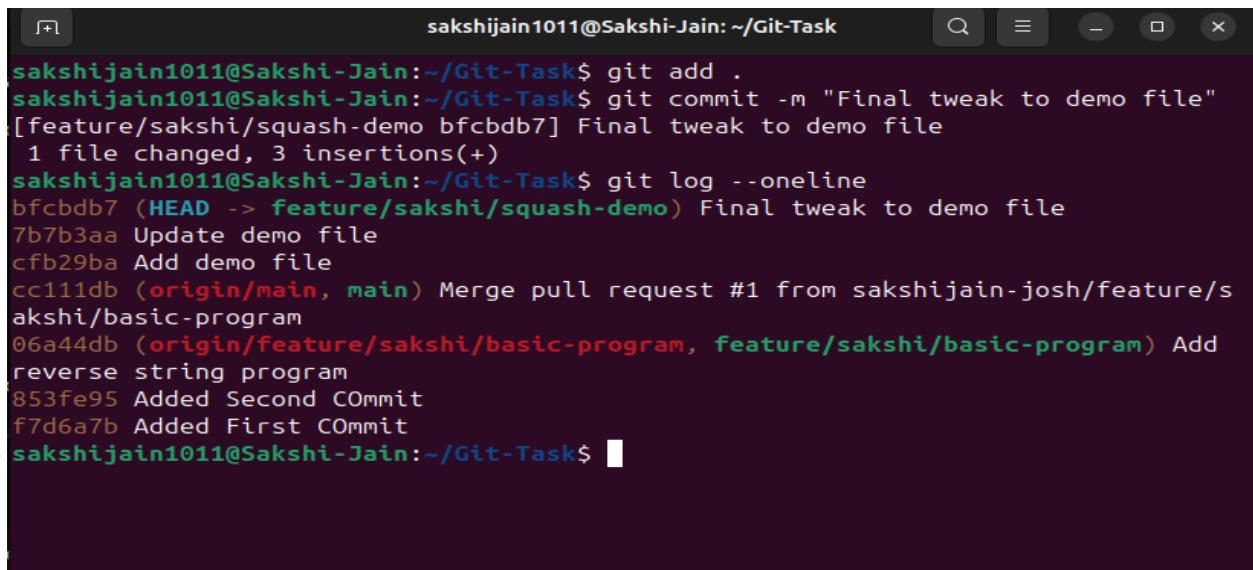
## 2. Make 3 small commits



```
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/sakshi/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

```
sakshijain1011@Sakshi-Jain: ~/Git-Task
```

```
/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
```

```
sakshijain1011@Sakshi-Jain: ~/Git-Task
```

```
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/sakshi/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-demo --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 visiting:
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

The screenshot shows a GitHub repository named "Git-Task". The repository has 3 branches and 0 tags. The README file contains the following content:

```
This repository is created to complete a task
#####
Second Commit
Added second commit
```

The repository has 4 commits, the latest being "Added Second Commit" by "sakshijain-josh" 38 minutes ago. The repository has 0 stars, 0 forks, and 0 watching.

The screenshot shows the "Open a pull request" form for the "Git-Task" repository. The base branch is set to "main". The comparison branch is "feature/sakshi/squash-demo", and the status is "Able to merge". The pull request title is "Add demo file (squashed commit)" and the description is "This PR squashes 3 small commits into a single clean commit as required." The form includes fields for reviewers, assignees, labels, projects, milestones, and development notes. The "Create pull request" button is at the bottom. A note at the bottom left says "Remember, contributions to this repository should follow our [GitHub Community Guidelines](#)".

sakshijain-josh / Git-Task

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

Conversation 0 Commits 1 Checks 0 Files changed 1

sakshijain-josh commented now

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

Final demo files

Pull request successfully merged and closed

You're all set — the feature/sakshi/squash-demo branch can be safely deleted.

Add a comment

Write Preview

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

The screenshot shows a GitHub pull request page for a repository named 'Git-Task'. The pull request has been merged by 'sakshijain-josh' into the 'main' branch from the 'feature/sakshi/squash-demo' branch. A comment from 'sakshijain-josh' states: 'This PR squashes 3 small commits into a single clean commit as required.' Below the comment, it says 'Final demo files'. A message indicates the pull request has been successfully merged and closed, stating: 'You're all set — the feature/sakshi/squash-demo branch can be safely deleted.' On the right side of the page, there are sections for Reviewers, Assignees, Labels, Projects, Milestone, Development, and Notifications. The Notifications section shows that the user is receiving notifications because they modified the open/close state. There is also a 'Comment' button and a rich text editor for adding a comment.