

Combine Two Commits

How to combine two commits into one commit? For Example, you have 4 different commits C1, C2, C3, and C4 and you combine C2 and C3 into one single commit.

To combine two commits into one commit, we would be using rebase. Rebase is the process of moving/combining a sequence of commits into a new commit. This would be useful in maintaining a clean history and easily help maintain the branch better.

```
Prem ➤ git-training-day-2-at-josh ➤ (prem-jha-day-2-02) ❤️ 15:55 ➤ git log --oneline
e7093ea (HEAD -> prem-jha-day-2-02) removing some comment
2cca867 trying rebase
fb1b20c adding cherrypicking
0cc734a Merge branch 'prem-jha-day-2-training' into prem-jha-day-2-02
38e61b3 checking cherry pick
970ff7ab Merge branch 'main' into prem-jha-day-2-training
5d6e07a (origin/main, origin/HEAD, main) Merge pull request #1 from bilal-ujede-at-josh/Viral-Patel-day-2-training
952feee Merge branch 'Viral-patel-day-2-training-02' into Viral-Patel-day-2-training
dabdc8a (origin/prem-jha-day-2-training) added new comments
b949e8c day2 trainig file 2
60835c8 adding new comments to main.py
c4ded2e traning day-2
869f7e2 Adding main.py
c399b70 Initial commit

Prem ➤ git-training-day-2-at-josh ➤ (prem-jha-day-2-02) ❤️ 15:55 ➤ git rebase -i 38e61b3
[detached HEAD 855ed7a] traning day-2
Author: viralpatel1089 <viralpatel1089@gmail.com>
Date: Thu Jan 5 10:24:34 2023 +0530
3 files changed, 4 insertions(+)
create mode 100644 hello.cpp
create mode 100644 test.txt
Successfully rebased and updated refs/heads/prem-jha-day-2-02.

Prem ➤ git-training-day-2-at-josh ➤ (prem-jha-day-2-02) ❤️ 15:57 ➤ git log --oneline
2cfb992 (HEAD -> prem-jha-day-2-02) removing some comment
a6c087e trying rebase
855ed7a traning day-2
38e61b3 checking cherry pick
dabdc8a (origin/prem-jha-day-2-training) added new comments
60835c8 adding new comments to main.py
869f7e2 Adding main.py
c399b70 Initial commit

Prem ➤ git-training-day-2-at-josh ➤ (prem-jha-day-2-02) ❤️ 15:57 ➤ git show 855ed7a
commit 855ed7abade89b5b92679b4a5006cef4e5d7c686
Author: viralpatel1089 <viralpatel1089@gmail.com>
Date: Thu Jan 5 10:24:34 2023 +0530

    traning day-2

    day2 trainig file 2

    adding cherrypicking
```