

12. Analyzing and Changing Git History:

- ❖ Write the command to undo the changes introduced by the commit with the ID "abc123".

Step 1:

- ❖ The above image is before reverting.
- ❖ `git revert <commit ID>` -> this will revert to the that stage of commit.
- ❖ The above image is after reverting.

```
arpitagalkar@LAPTOP-3584P7B4:~$ git revert 7dd523190b9923020bfff37b2a73ffd0e1d049920
[master fc0df93] file created
Date: Fri Nov 29 22:03:02 2024 +0530
1 file changed, 11 insertions(+), 1 deletion(-)
```

```
arpitagalkar@LAPTOP-3584P7B4:~/lok$ git log
commit 0a10e858186f06f4766dcb2557f8cde27cde5f5d (HEAD -> master, feature-branch)
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 19:52:09 2024 +0530

    Revert "file created"

    This reverts commit 7dd523190b9923020bfff37b2a73ffd0e1d049920

commit fd6e4f9f59574b9a0f1cbb8fd17cdf2eecd3b11a (HEAD -> source-branch)
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 22:18:23 2024 +0530

    SB edited

commit 7dd523190b9923020bfff37b2a73ffd0e1d049920
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 22:16:32 2024 +0530

    file created

commit d3ad9af607081ecb15f79b993954b0c77f45d02d
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 22:04:57 2024 +0530

    SB edited

commit ad2fafa73b25c105901fceb822b0ac1b5fe97c91
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 22:03:02 2024 +0530

    file created

commit 0a10e858186f06f4766dcb2557f8cde27cde5f5d (tag: v1.0, master, feature-branch)
Author: Arpita <arpi@123gmail.com>
Date: Fri Nov 29 19:52:09 2024 +0530

    1st line of FB(V1)

commit 72354a203e93c8688ba317a0b501af99237ce985 (tag: v1.1)
Author: Arpita <arpi@123gmail.com>
Date: Thu Nov 28 14:40:55 2024 +0530

    file created
```