

## 1 Make a wrong commit intentionally

```
* [new branch]      feature/feature1 -> feature/feature1
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ echo
"console.log('correct code');" > app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git
add app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git
commit -m "added correct code"
[feature/feature2 03056ad] added correct code
 1 file changed, 1 insertion(+)
 create mode 100644 app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ echo
>this is wrong content" >> app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git
add app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git
commit -m "wrong commit added by mistake"
[feature/feature2 e546b00] wrong commit added by mistake
 1 file changed, 1 insertion(+)
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git
log --oneline
e546b00 (HEAD -> feature/feature2) wrong commit added by mistake
03056ad added correct code
4b9cc58 added
b9b2cf0 (origin/feature/feature1, feature/feature1) added squash for commits for two and pi
ck for one
501e4fe (origin/feature/sanjana, feature/sanjana) added
2ed766f (origin/main, origin/HEAD, main) Initial commit
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ █
```

## 2 git reset --soft

```
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git log --oneline  
e546b00 (HEAD -> feature/feature2) wrong commit added by mistake  
03056ad added correct code  
4b9cc58 added  
b9b2cf (origin/feature/feature1, feature/feature1) added squash for commits for two and pi ck for one  
501e4fe (origin/feature/sanjana, feature/sanjana) added  
2ed766f (origin/main, origin/HEAD, main) Initial commit  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git log --oneline  
e546b00 (HEAD -> feature/feature2) wrong commit added by mistake  
03056ad added correct code  
4b9cc58 added  
b9b2cf (origin/feature/feature1, feature/feature1) added squash for commits for two and pi ck for one  
501e4fe (origin/feature/sanjana, feature/sanjana) added  
2ed766f (origin/main, origin/HEAD, main) Initial commit  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git reset --soft 03056ad  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git log --oneline  
03056ad (HEAD -> feature/feature2) added correct code  
4b9cc58 added  
b9b2cf (origin/feature/feature1, feature/feature1) added squash for commits for two and pi ck for one  
501e4fe (origin/feature/sanjana, feature/sanjana) added  
2ed766f (origin/main, origin/HEAD, main) Initial commit  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git commit -m "fixed wrong commit and corrected code"  
[feature/feature2 e4816f6] fixed wrong commit and corrected code  
1 file changed, 1 insertion(+)  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git push -f origin main  
Username for 'https://github.com': sanjanamutkiri11  
Password for 'https://sanjanamutkiri11@github.com':  
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/sanjanamutkiri11/Github3.git  
+ e51550b...2ed766f main -> main (forced update)  
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ █
```

## 2 git revert

```
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ echo "this is wrong content" >> app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git add app.js
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git commit -m "wrong commit added by mistake"
[feature/feature2 7e123ef] wrong commit added by mistake
 1 file changed, 2 insertions(+)
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git log --oneline
7e123ef (HEAD -> feature/feature2) wrong commit added by mistake
e4816f6 fixed wrong commit and corrected code
03056ad added correct code
4b9cc58 added
b9b2cf (origin/feature/feature1, feature/feature1) added squash for commits for two and pick for one
501e4fe (origin/feature/sanjana, feature/sanjana) added
2ed766f (origin/main, origin/HEAD, main) Initial commit
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git revert 7e123ef
[feature/feature2 3c72042] Revert "wrong commit added by mistake"
 1 file changed, 2 deletions(-)
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git log --oneline
3c72042 (HEAD -> feature/feature2) Revert "wrong commit added by mistake"
7e123ef wrong commit added by mistake
e4816f6 fixed wrong commit and corrected code
03056ad added correct code
4b9cc58 added
b9b2cf (origin/feature/feature1, feature/feature1) added squash for commits for two and pick for one
501e4fe (origin/feature/sanjana, feature/sanjana) added
2ed766f (origin/main, origin/HEAD, main) Initial commit
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$ git push origin main
Username for 'https://github.com': sanjanamutkiri11
Password for 'https://sanjanamutkiri11@github.com':
Everything up-to-date
sanjana-mutkiri@sanjana-mutkiri-Victus-by-HP-Gaming-Laptop-15-fa0xxx:~/github/Github3$
```

## 3 Explain (in PR comment or README):

<https://github.com/sanjanamutkiri11/Github3/blob/main/README.md>