

```
C:\Users\RAKERKAR\Documents>mkdir project_dir
```

```
C:\Users\RAKERKAR\Documents>cd project_dir
```

```
C:\Users\RAKERKAR\Documents\project_dir>git init
```

```
Initialized empty Git repository in C:/Users/RAKERKAR/Documents/project_dir/.git/
```

```
C:\Users\RAKERKAR\Documents\project_dir>type nul > index.html
```

```
C:\Users\RAKERKAR\Documents\project_dir>git status
```

```
On branch master
```

```
No commits yet
```

```
Untracked files:
```

```
(use "git add <file>..." to include in what will be committed)
```

```
index.html
```

```
nothing added to commit but untracked files present (use "git add" to track)
```

```
C:\Users\RAKERKAR\Documents\project_dir>git add .
```

```
C:\Users\RAKERKAR\Documents\project_dir>git commit -m "index.html committed"
```

```
[master (root-commit) b5b9f8a] index.html committed
```

```
Committer: Kerkar <rajdeep.kerkar@capgemini.com>
```

```
Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.
```

```
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
```

```
git config --global user.email you@example.com
```

```
After doing this, you may fix the identity used for this commit with:
```

```
git commit --amend --reset-author
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 index.html
```

```
C:\Users\RAKERKAR\Documents\project_dir>type nul > info.txt
```

```
C:\Users\RAKERKAR\Documents\project_dir>git status
```

```
On branch master
```

```
Changes not staged for commit:
```

```
(use "git add <file>..." to update what will be committed)
```

```
(use "git restore <file>..." to discard changes in working directory)
```

```
modified: index.html
```

Untracked files:

(use "git add <file>..." to include in what will be committed)  
info.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\RAKERKAR\Documents\project\_dir>type nul > .gitignore

C:\Users\RAKERKAR\Documents\project\_dir>git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)  
(use "git restore <file>..." to discard changes in working directory)  
modified: index.html

Untracked files:

(use "git add <file>..." to include in what will be committed)  
.gitignore

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\RAKERKAR\Documents\project\_dir>git add .

C:\Users\RAKERKAR\Documents\project\_dir>git commit -m "index.html committed again"

[master 0a153f9] index.html committed again

Committer: Kerkar <rajdeep.kerkar@capgemini.com>

Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.  
You can suppress this message by setting them explicitly:

git config --global user.name "Your Name"  
git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

2 files changed, 9 insertions(+)  
create mode 100644 .gitignore

C:\Users\RAKERKAR\Documents\project\_dir>git log

commit 0a153f9cc1d9529e399730c7dec6700b738838c8 (HEAD -> master)

Author: Kerkar <rajdeep.kerkar@capgemini.com>

Date: Thu Dec 29 16:31:39 2022 +0530

index.html committed again

commit b5b9f8a5e542c24729c2897997e893dbf4cfafbc

Author: Kerkar <rajdeep.kerkar@capgemini.com>

Date: Thu Dec 29 16:27:03 2022 +0530

index.html committed

C:\Users\RAKERKAR\Documents\project\_dir>git revert

usage: git revert [--no-edit] [-n] [-m <parent-number>] [-s] [-S[<keyid>]] <commit>...

or: git revert (--continue | --skip | --abort | --quit)

--quit           end revert or cherry-pick sequence  
--continue       resume revert or cherry-pick sequence  
--abort          cancel revert or cherry-pick sequence  
--skip          skip current commit and continue  
--cleanup <mode>   how to strip spaces and #comments from message  
-n, --no-commit   don't automatically commit  
-e, --edit       edit the commit message  
-s, --signoff     add a Signed-off-by trailer  
-m, --mainline <parent-number>  
                  select mainline parent  
--rerere-autoupdate   update the index with reused conflict resolution if possible  
--strategy <strategy>  
                  merge strategy  
-X, --strategy-option <option>  
                  option for merge strategy  
-S, --gpg-sign[=<key-id>]  
                  GPG sign commit  
--reference       use the 'reference' format to refer to commits

C:\Users\RAKERKAR\Documents\project\_dir>git log

commit 0a153f9cc1d9529e399730c7dec6700b738838c8 (HEAD -> master)

Author: Kerkar <rajdeep.kerkar@capgemini.com>

Date: Thu Dec 29 16:31:39 2022 +0530

index.html committed again

commit b5b9f8a5e542c24729c2897997e893dbf4cfafbc

Author: Kerkar <rajdeep.kerkar@capgemini.com>

Date: Thu Dec 29 16:27:03 2022 +0530

index.html committed

C:\Users\RAKERKAR\Documents\project\_dir>git revert 0a153f9cc1d9529e399730c7dec6700b738838c8

error: your local changes would be overwritten by revert.

hint: commit your changes or stash them to proceed.

fatal: revert failed

C:\Users\RAKERKAR\Documents\project\_dir>git stash

Saved working directory and index state WIP on master: 0a153f9 index.html committed again

```
C:\Users\RAKERKAR\Documents\project_dir>git revert 0a153f9cc1d9529e399730c7dec6700b738838c8
[master 87ea253] Revert "index.html committed again"
Committer: Kerkar <rajdeep.kerkar@capgemini.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
2 files changed, 9 deletions(-)
delete mode 100644 .gitignore
```

```
C:\Users\RAKERKAR\Documents\project_dir>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    info.txt
```

nothing added to commit but untracked files present (use "git add" to track)

```
C:\Users\RAKERKAR\Documents\project_dir>git add index.html
```

```
C:\Users\RAKERKAR\Documents\project_dir>git revert
usage: git revert [--[no-]edit] [-n] [-m <parent-number>] [-s] [-S[<keyid>]] <commit>...
or: git revert (--continue | --skip | --abort | --quit)
```

```
--quit          end revert or cherry-pick sequence
--continue      resume revert or cherry-pick sequence
--abort         cancel revert or cherry-pick sequence
--skip          skip current commit and continue
--cleanup <mode> how to strip spaces and #comments from message
-n, --no-commit don't automatically commit
-e, --edit       edit the commit message
-s, --signoff    add a Signed-off-by trailer
-m, --mainline <parent-number>
                  select mainline parent
--rerere-autoupdate update the index with reused conflict resolution if possible
--strategy <strategy>
                  merge strategy
-X, --strategy-option <option>
                  option for merge strategy
-S, --gpg-sign[=<key-id>]
                  GPG sign commit
```

--reference      use the 'reference' format to refer to commits

```
C:\Users\RAKERKAR\Documents\project_dir>git revert 0a153f9cc1d9529e399730c7dec6700b738838c8
error: your local changes would be overwritten by revert.
hint: commit your changes or stash them to proceed.
fatal: revert failed
```

```
C:\Users\RAKERKAR\Documents\project_dir>git stash
Saved working directory and index state WIP on master: 87ea253 Revert "index.html committed again"
```

```
C:\Users\RAKERKAR\Documents\project_dir>git revert 0a153f9cc1d9529e399730c7dec6700b738838c8
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    info.txt
```

nothing added to commit but untracked files present (use "git add" to track)

```
C:\Users\RAKERKAR\Documents\project_dir>git config alias.my-add 'add'
```

```
C:\Users\RAKERKAR\Documents\project_dir>git my-add index.html
```

```
C:\Users\RAKERKAR\Documents\project_dir>git commit -m "step 19 commit"
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    info.txt
```

nothing added to commit but untracked files present (use "git add" to track)

```
C:\Users\RAKERKAR\Documents\project_dir>git revert 87ea2539fc2096d35d22941ffba1a2dd9962a014
[master 26a8ab1] Revert "Revert "index.html committed again""
Committer: Kerkar <rajdeep.kerkar@capgemini.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
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git config --global user.email you@example.com
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```
2 files changed, 9 insertions(+)
create mode 100644 .gitignore
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