

```
MINGW64/c/Users/hp/project_dir
hp@DESKTOP-OR6605K MINGW64 ~
$ mkdir project_dir
hp@DESKTOP-OR6605K MINGW64 ~
$ cd project_dir
hp@DESKTOP-OR6605K MINGW64 ~/project_dir
$ git init
Initialized empty Git repository in C:/Users/hp/project_dir/.git/
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ touch index.html
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ 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)
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git add index.html
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git commit -m "index.html file is committed"
[master (root-commit) 7175c34] index.html file is committed
1 file changed, 8 insertions(+)
create mode 100644 index.html
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ touch info.txt
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ 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)
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git status
```

5:28 PM
10/21/2021

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```
MINGW64/c/Users/hp/project_dir
hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ 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")

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ touch .gitignore

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ 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")

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git add index.html

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git commit -m "index.html file is again committed "
[master c41e96c] index.html file is again committed
1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git log
commit c41e96cb85f71e58fc62549b9eec583f77a84226 (HEAD -> master)
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:11:32 2021 +0530

    index.html file is again committed

commit 7175c34d9ff7e39bfc15f8ecf78e940a02a7674
Author: unknown <aishutanga57@gmail.com>
```

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```
MINGW64/c/Users/hp/project_dir
commit 7175c34d9ff7e39bfcbl5f8ecf78e940a02a7674
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:07:29 2021 +0530

index.html file is committed

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git checkout --

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git add index.html

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git reset HEAD index.html

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M   index.html

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ 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

5:32 PM
10/21/2021 no changes added to commit (use "git add" and/or "git commit -a")

hp@DESKTOP-OR6605K MINGW64 ~/project_dir (master)
$ git config --global alias . my-add add
```

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```
MINGW64/c/Users/hp/project_dir
$ git config --global alias.my-add add

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ git my-add index.html

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ git commit -m "index.html file is committed using revert "
[master 5909e09] index.html file is committed using revert
1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ git log
commit 5909e09b40974fc3cf6d3cee3e1c436f6bbald88 (HEAD -> master)
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:26:15 2021 +0530

    index.html file is committed using revert

commit c41e96cb85f71e58fc62549b9eec583f77a84226
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:11:32 2021 +0530

    index.html file is again committed

commit 7175c34d9ff7e39bfcbl5f8ecf78e940a02a7674
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:07:29 2021 +0530

    index.html file is committed

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ git reset --soft HEAD^

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ git log
commit c41e96cb85f71e58fc62549b9eec583f77a84226 (HEAD -> master)
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:11:32 2021 +0530

    index.html file is again committed

commit 7175c34d9ff7e39bfcbl5f8ecf78e940a02a7674
Author: unknown <aishutanga57@gmail.com>
Date: Thu Oct 21 17:07:29 2021 +0530

    index.html file is committed

hp@DESKTOP-OR660SK MINGW64 ~/project_dir (master)
$ |
```

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