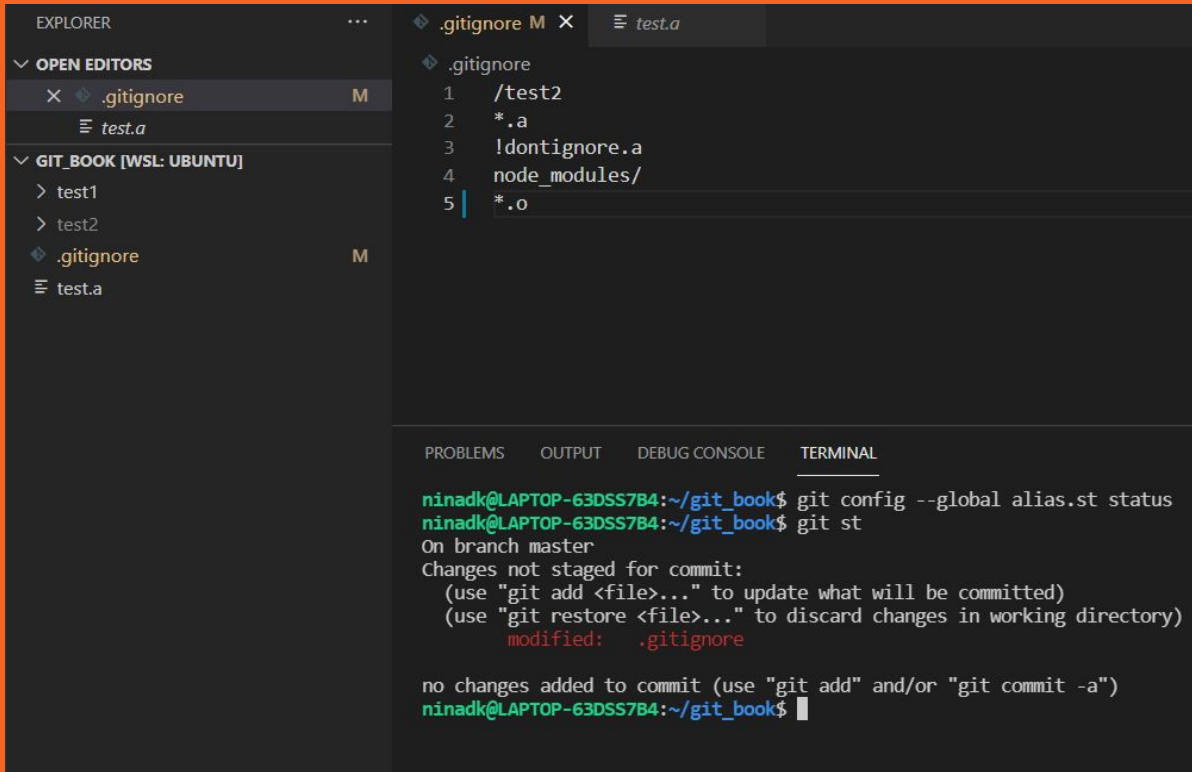

Git aliases

git config --global alias.aliasName <command>



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar shows a project named 'GIT_BOOK [WSL: UBUNTU]' with subdirectories 'test1' and 'test2', and files '.gitignore' and 'test.a'. The main editor area has two tabs: '.gitignore M' and 'test.a'. The '.gitignore' file is open, showing the following content:

```
.gitignore
1 /test2
2 *.a
3 !dontignore.a
4 node_modules/
5 *.o
```

Below the editor, the TERMINAL panel is active, showing the following commands and output:

```
ninadk@LAPTOP-63DSS7B4:~/git_book$ git config --global alias.st status
ninadk@LAPTOP-63DSS7B4:~/git_book$ git st
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:   .gitignore

no changes added to commit (use "git add" and/or "git commit -a")
ninadk@LAPTOP-63DSS7B4:~/git_book$
```

We use the **--global** flag to set a global alias.

We can also use **--local** to set an alias just for the local git repository.

git config --global alias.cm 'commit -m'

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

ninadk@LAPTOP-63DSS7B4:~/git_book$ git config --global alias.cm 'commit -m'
ninadk@LAPTOP-63DSS7B4:~/git_book$ git cm "update gitignore to ignore .o files"
[master bc729f0] update gitignore to ignore .o files
 1 file changed, 1 insertion(+), 1 deletion(-)
ninadk@LAPTOP-63DSS7B4:~/git_book$ git log -1
commit bc729f053b239e469ebbac6d362f27069296aa0c (HEAD -> master)
Author: Nina D. K <antwnina.k@gmail.com>
Date: Thu Dec 2 12:07:44 2021 +0200

    update gitignore to ignore .o files
ninadk@LAPTOP-63DSS7B4:~/git_book$
```

Note: If the command includes whitespace, we have to wrap it in single quotes.

Use the `--local` flag to set a local alias that will only be available in the current working directory.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

ninadk@LAPTOP-63DSS7B4:~/git_book$ git config --local alias.last 'log -1'
ninadk@LAPTOP-63DSS7B4:~/git_book$ git last
commit bc729f053b239e469ebbac6d362f27069296aa0c (HEAD -> master)
Author: Nina D. K <antwnina.k@gmail.com>
Date:   Thu Dec 2 12:07:44 2021 +0200

    update gitignore to ignore .o files
ninadk@LAPTOP-63DSS7B4:~/git_book$
```

—

See? You can't use the local **last** alias from a different directory.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

ninadk@LAPTOP-63DSS7B4:~/launch_school/git_basics$ git st
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
ninadk@LAPTOP-63DSS7B4:~/launch_school/git_basics$ git last
git: 'last' is not a git command. See 'git --help'.
git: 'last' is not a git command. See 'git --help'.

The most similar commands are
    blame
    lfs
    reset
    stash

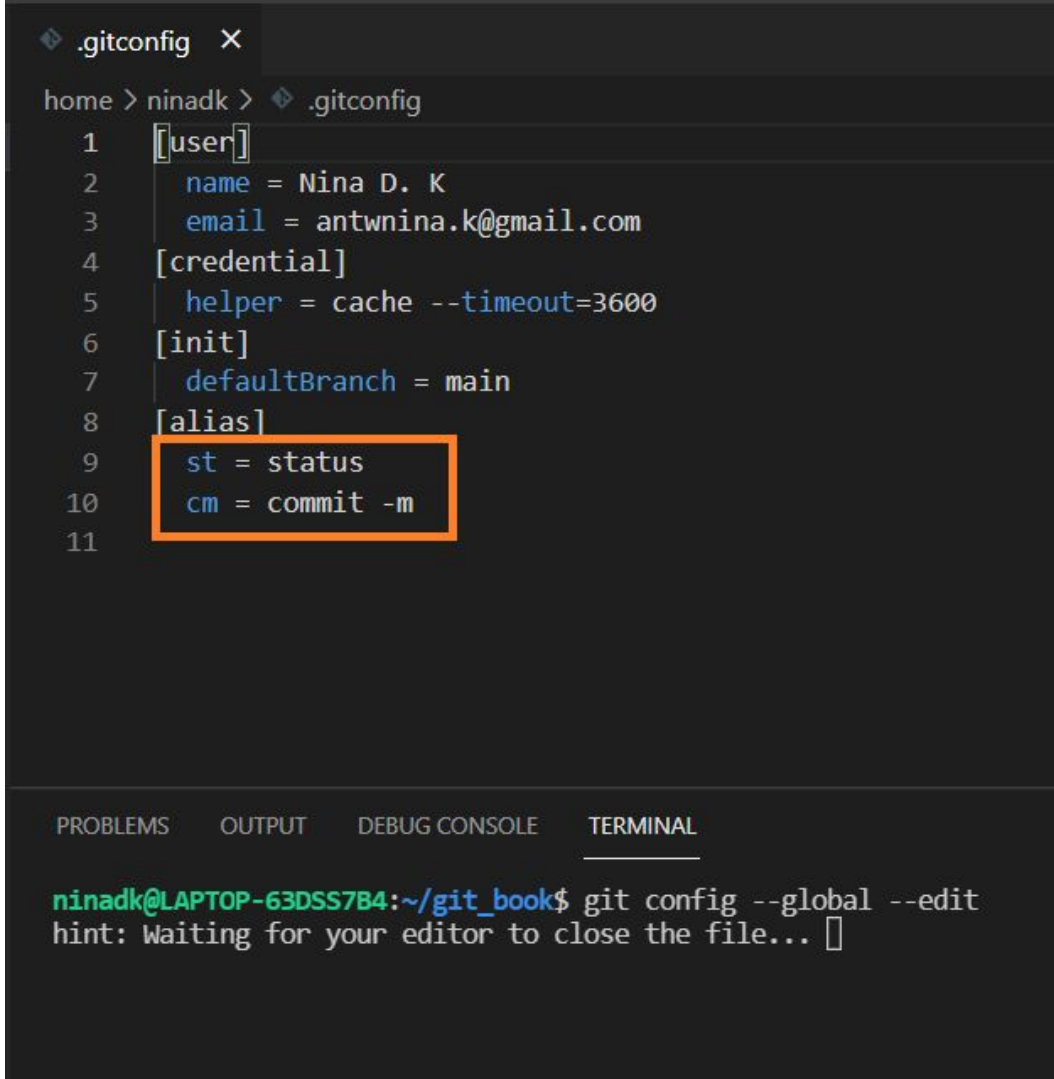
ninadk@LAPTOP-63DSS7B4:~/launch_school/git_basics$
```

There are 3 ways to delete an alias:

1. `git config --global --edit`
 2. `git config --global --unset alias.aliasName`
 3. Removing it from the *config* file manually
-

git config --global --edit

...will open the specified config file (global or local) in your editor of choice. From there, you can remove the aliases you want, save the file and close it.



The image shows a code editor window with the title ".gitconfig" and a terminal window below it. The code editor displays the contents of the .gitconfig file, which is organized into sections: [user], [credential], [init], and [alias]. The [alias] section contains two entries: "st = status" and "cm = commit -m". These two lines are highlighted with an orange rectangular box. The terminal window shows the command "git config --global --edit" being executed, and the output "hint: Waiting for your editor to close the file..." is displayed.

```
.gitconfig X
home > ninadk > .gitconfig
1  [user]
2      name = Nina D. K
3      email = antwnina.k@gmail.com
4  [credential]
5      helper = cache --timeout=3600
6  [init]
7      defaultBranch = main
8  [alias]
9      st = status
10     cm = commit -m
11
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
ninadk@LAPTOP-63DSS7B4:~/git_book$ git config --global --edit
hint: Waiting for your editor to close the file... 
```

git config --global --unset alias.*aliasName*

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
ninadk@LAPTOP-63DSS7B4:~/git_book/.git$ git config --local --unset alias.last  
ninadk@LAPTOP-63DSS7B4:~/git_book/.git$ git last  
git: 'last' is not a git command. See 'git --help'.
```

The most similar commands are

blame

lfs

reset

stash

Removing it from the config file

The screenshot shows the Visual Studio Code interface with the `.git/config` file open in the editor. The file content is as follows:

```
1 [[core]]
2     repositoryformatversion = 0
3     filemode = true
4     bare = false
5     logallrefupdates = true
6 [alias]
7     last = log -1
8
```

The line `last = log -1` is highlighted with an orange box. The Explorer sidebar on the left shows the project structure, including the `.git` directory and the `config` file. The Terminal at the bottom shows the following commands and output:

```
ninadk@LAPTOP-63DSS7B4:~/git_book$ ls -a
.  ..  .git  .gitignore  test.a  test1  test2
ninadk@LAPTOP-63DSS7B4:~/git_book$ cd .git/
ninadk@LAPTOP-63DSS7B4:~/git_book/.git$ ls
COMMIT_EDITMSG  HEAD  branches  config  description  hooks  index  info  logs  objects  refs
ninadk@LAPTOP-63DSS7B4:~/git_book/.git$ code config
ninadk@LAPTOP-63DSS7B4:~/git_book/.git$
```

The `config` directory entry in the `ls` output is highlighted with an orange box.

