

```
IPQB2016-3:~ student$ cd Desktop/GitRepo
IPQB2016-3:GitRepo student$ git clone https://github.com/
alisonmaxwell/awesome
Cloning into 'awesome'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
IPQB2016-3:GitRepo student$ ls
awesome          notnewfile.py    techtalktest
IPQB2016-3:GitRepo student$ cd awesome
IPQB2016-3:awesome student$ vim alison.py
IPQB2016-3:awesome student$ ls
README.md        alison.py
IPQB2016-3:awesome student$ git add .
IPQB2016-3:awesome student$ git commit
Aborting commit due to empty commit message.
IPQB2016-3:awesome student$ git commit -m "i created a file!"
-bash: !": event not found
IPQB2016-3:awesome student$ git commit -m "i created a file"
[master 4975ef9] i created a file
Committer: Alison Maxwell <student@otp583196ots.ucsf.edu>
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, 1 insertion(+)
create mode 100644 alison.py
IPQB2016-3:awesome student$ git push
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 326 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/alisonmaxwell/awesome
edd0e56..4975ef9 master -> master
IPQB2016-3:awesome student$ ls
README.md        alison.py
IPQB2016-3:awesome student$ git checkout -b alisonbranch master
Switched to a new branch 'alisonbranch'
IPQB2016-3:awesome student$ ls
README.md        alison.py
IPQB2016-3:awesome student$ vim alison.py
```

```
IPQB2016-3:awesome student$ git add .
IPQB2016-3:awesome student$ git commit -m
error: switch `m' requires a value
usage: git commit [<options>] [--] <pathspec>...
```

```
-q, --quiet          suppress summary after successful commit
-v, --verbose        show diff in commit message template
```

#### Commit message options

```
-F, --file <file>    read message from file
--author <author>    override author for commit
--date <date>        override date for commit
-m, --message <message>
                    commit message
-c, --reedit-message <commit>
                    reuse and edit message from specified commit
-C, --reuse-message <commit>
                    reuse message from specified commit
--fixup <commit>     use autosquash formatted message to fixup
specified commit
--squash <commit>    use autosquash formatted message to squash
specified commit
--reset-author       the commit is authored by me now (used with
-C/-c/--amend)
-s, --signoff        add Signed-off-by:
-t, --template <file>
                    use specified template file
-e, --edit            force edit of commit
--cleanup <default> how to strip spaces and #comments from
message
--status             include status in commit message template
-S, --pgp-sign[=<key-id>]
                    GPG sign commit
```

#### Commit contents options

```
-a, --all            commit all changed files
-i, --include        add specified files to index for commit
--interactive        interactively add files
-p, --patch          interactively add changes
-o, --only           commit only specified files
-n, --no-verify      bypass pre-commit hook
--dry-run            show what would be committed
--short              show status concisely
--branch             show branch information
--porcelain          machine-readable output
--long              show status in long format (default)
-z, --null           terminate entries with NUL
--amend              amend previous commit
--no-post-rewrite    bypass post-rewrite hook
-u, --untracked-files[=<mode>]
```

show untracked files, optional modes: all,  
normal, no. (Default: all)

```
IPQB2016-3:awesome student$ git commit -m "added excitment"
```

```
[alisonbranch 1d738c1] added excitment
```

```
Committer: Alison Maxwell <student@otp583196ots.ucsf.edu>
```

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, 2 insertions(+)
```

```
IPQB2016-3:awesome student$ git push origin alisonbranch
```

```
Counting objects: 3, done.
```

```
Delta compression using up to 4 threads.
```

```
Compressing objects: 100% (3/3), done.
```

```
Writing objects: 100% (3/3), 331 bytes | 0 bytes/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0)
```

```
To https://github.com/alisonmaxwell/awesome
```

```
* [new branch] alisonbranch -> alisonbranch
```

```
IPQB2016-3:awesome student$
```