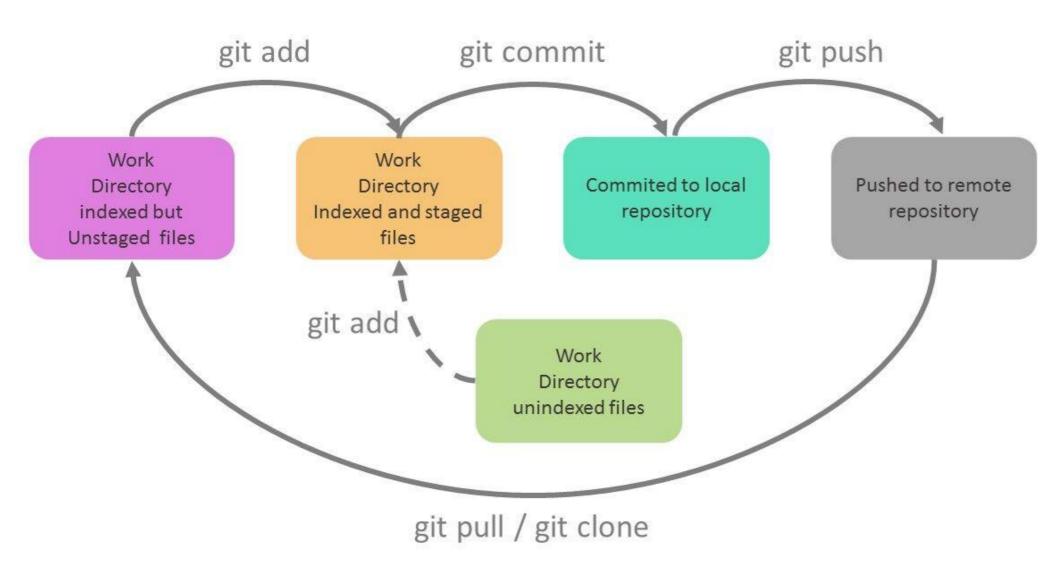


# Git: Versioning and Storage

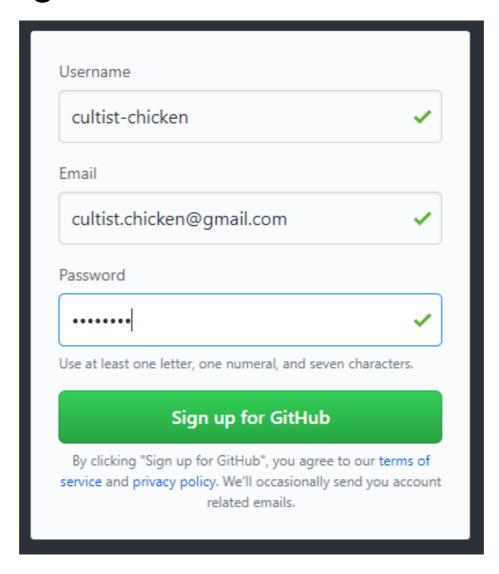


Retrieved from: http://www.tsbakker.nl/images/gitstages.jpg



#### GitHub: Account

#### www.github.com



#### GitHub: Account

#### Choose your personal plan

<ul> <li>Unlimited public repositories for free.</li> </ul>	
Unlimited private repositories for \$7/month.	
Don't worry, you can cancel or upgrade at any time.	

#### Help me set up an organization next

Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.

Learn more about organizations

Send me updates on GitHub news, offers, and events Unsubscribe anytime in your email preferences. Learn more

Continue

#### Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide

Start a project



#### Please verify your email address

Before you can contribute on GitHub, we need you to verify your email address. An email containing verification instructions was sent to **cultist.chicken@gmail.com**.

#### GitHub: Account

[GitHub] Please verify your email address.









**GitHub** <noreply@github.com>

8:35 PM (7 minutes ago)





to me

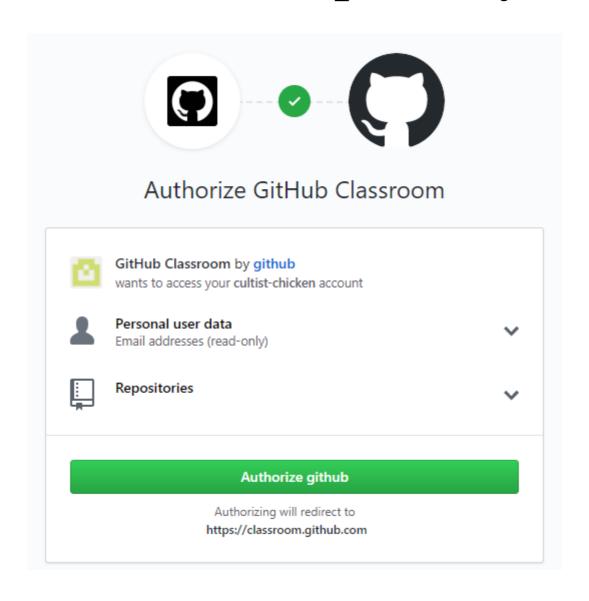
#### Hi @cultist-chicken!

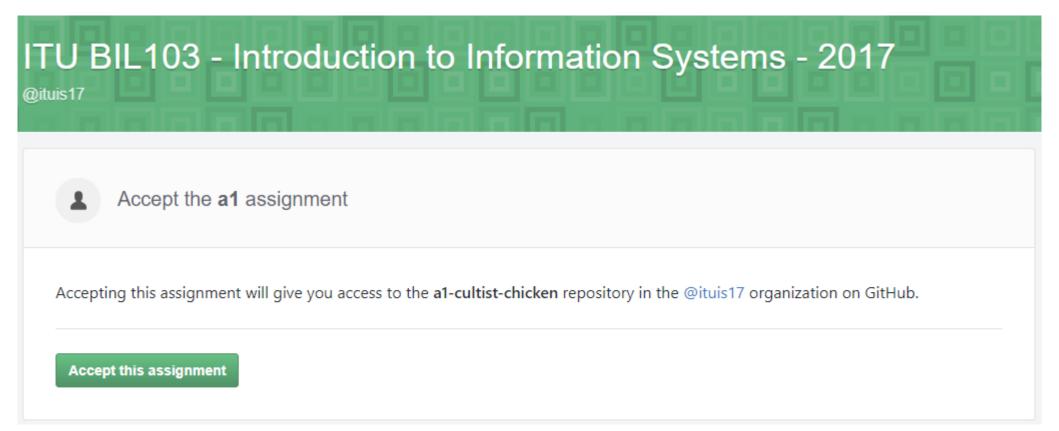
Help us secure your GitHub account by verifying your email address (cultist.chicken@gmail.com). This lets you access all of GitHub's features.

#### Verify email address

Button not working? Paste the following link into your browser: https://github.com/users/cultist-chicken/emails/37548426/confirm\_verification/ e4ca7e8d4cc860bf407360ac8317a4c34d7f4a9b

You're receiving this email because you recently created a new GitHub account or added a new email address. If this wasn't you, please ignore this email.





#### ITU BIL103 - Introduction to Information Systems - 2017

@ituis17

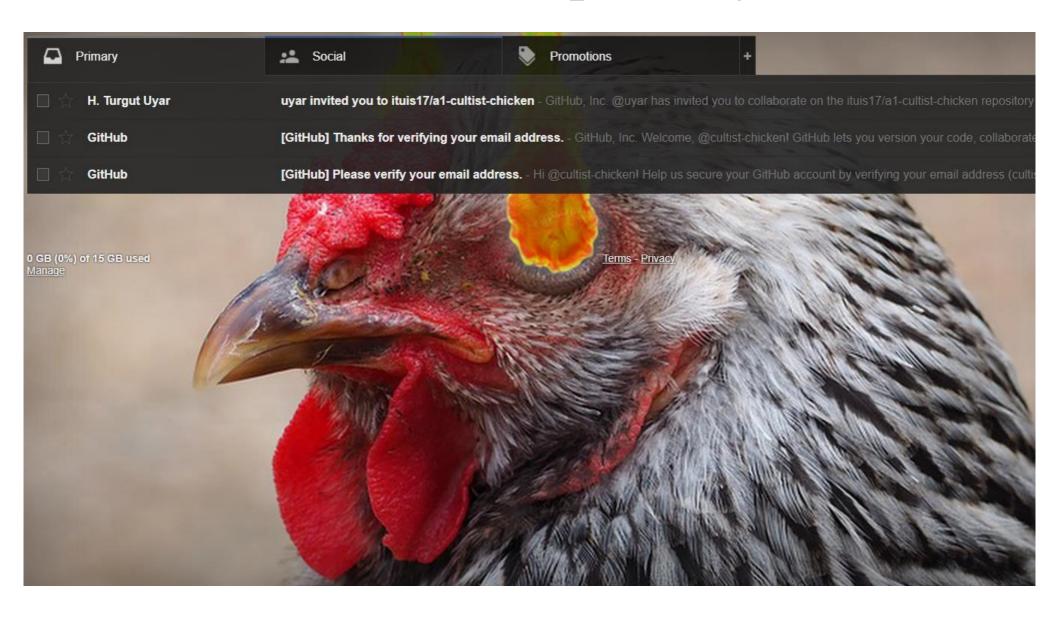


Accepted the a1 assignment

#### You are ready to go!

You may receive an invitation to join @ituis17 via email invitation on your behalf. No further action is necessary.

Your assignment has been created here: https://github.com/ituis17/a1-cultist-chicken



#### **GitHub**



# @uyar has invited you to collaborate on the ituis17/a1-cultist-chicken repository

You can accept or decline this invitation. You can also head over to https://github.com/ituis17/a1-cultist-chicken to check out the repository or visit @uyar to learn a bit more about them.

View invitation

**Note:** This invitation was intended for <u>cultist.chicken@gmail.com</u>. If you were not expecting this invitation, you can ignore this email. If @uyar is sending you too many emails, you can block them or report abuse.

## Git: Cloning a Repository

```
Terminal - mint@mint ~/Documents
File Edit View Terminal Tabs Help
mint@mint ~/Documents $ git clone https://github.com/ituis17/a1-cultist-chicken.git
Cloning into 'al-cultist-chicken'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
mint@mint ~/Documents $
```

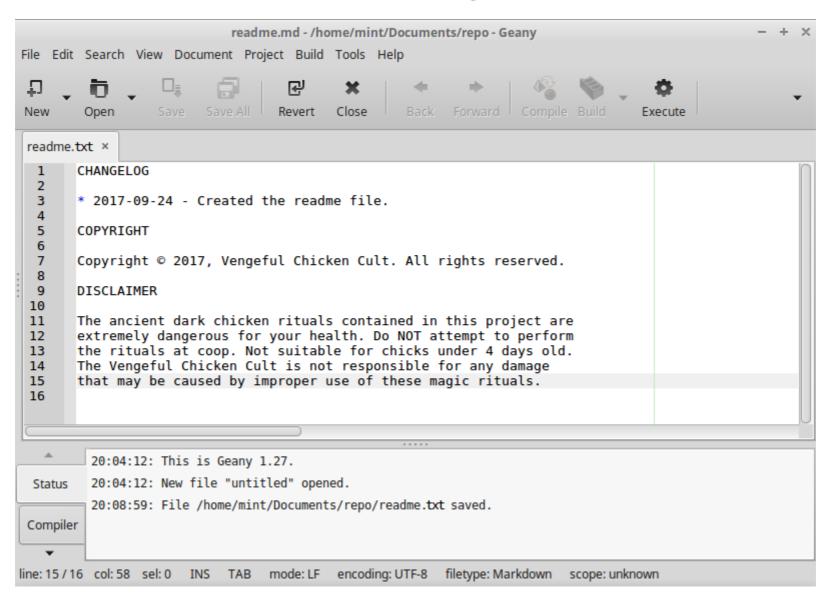
## Git: Cloning a Repository

```
Terminal - mint@mint ~/Documents
File Edit View Terminal Tabs Help
mint@mint ~/Documents $ git clone https://github.com/ituis17/a1-cultist-chicken.git
Cloning into 'al-cultist-chicken'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
mint@mint ~/Documents $ ls
al-cultist-chicken
mint@mint ~/Documents $ mv al-cultist-chicken/ repo/
mint@mint ~/Documents $ ls
mint@mint ~/Documents $
```

## Git: Cloning a Repository

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents $ git clone https://github.com/ituis17/a1-cultist-chicken.git
Cloning into 'al-cultist-chicken'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
mint@mint ~/Documents $ ls
al-cultist-chicken
mint@mint ~/Documents $ mv al-cultist-chicken/ repo/
mint@mint ~/Documents $ ls
mint@mint ~/Documents $ cd repo/
mint@mint ~/Documents/repo $ ls
index.html
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working directory clean mint@mint ~/Documents/repo $
```



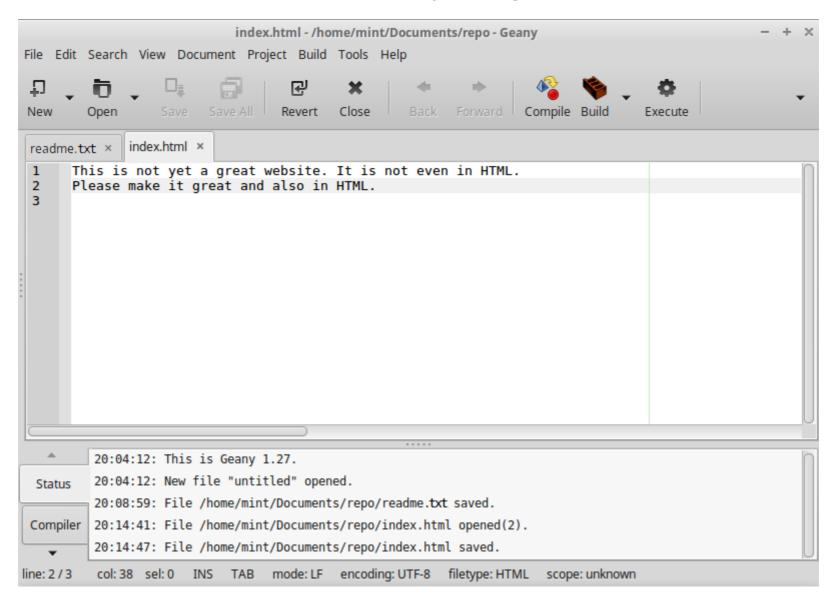
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working directory clean
mint@mint ~/Documents/repo $ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
mint@mint ~/Documents/repo $
```

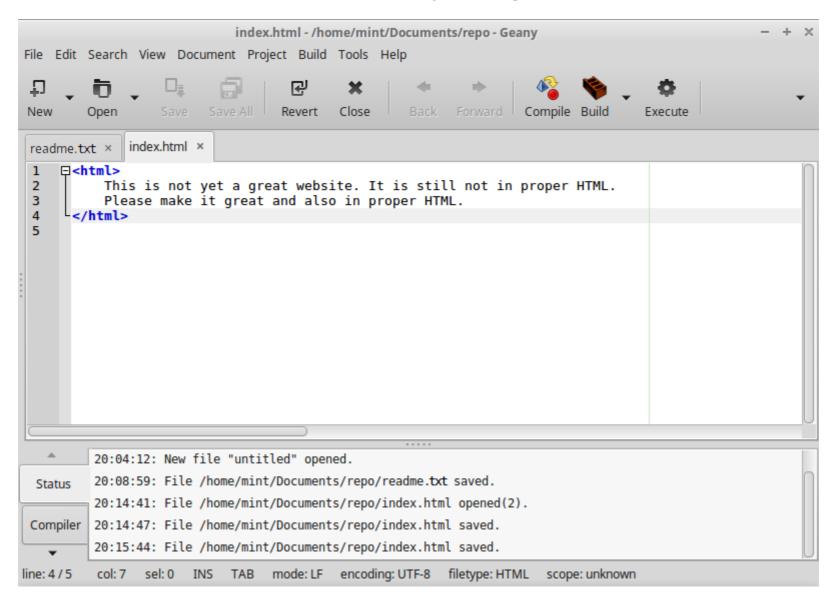
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add readme.txt
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add readme.txt
mint@mint ~/Documents/repo $ git commit -m "Add readme file"
[master 14a8133] Add readme file
1 file changed, 15 insertions(+)
create mode 100644 readme.txt
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add readme.txt
mint@mint ~/Documents/repo $ git commit -m "Add readme file"
[master 14a8133] Add readme file
1 file changed, 15 insertions(+)
create mode 100644 readme.txt
mint@mint ~/Documents/repo $ git log
commit 14a813376b00660a787a896d78c7c1950d94974c
Author: Umut Sulubacak <cultist-chicken@gmail.com>
       Fri Sep 22 20:11:09 2017 +0000
    Add readme file
commit 2aad635648fc39f1b1ba207976c2e89798c38e90
Author: Damien Jade Duff <djduff@itu.edu.tr>
Date: Fri Sep 15 17:35:52 2017 +0300
    Initial commit
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add readme.txt
mint@mint ~/Documents/repo $ git commit -m "Add readme file"
[master 14a8133] Add readme file
1 file changed, 15 insertions(+)
create mode 100644 readme.txt
mint@mint ~/Documents/repo $ git log
commit 14a813376b00660a787a896d78c7c1950d94974c
Author: Umut Sulubacak <cultist-chicken@gmail.com>
       Fri Sep 22 20:11:09 2017 +0000
    Add readme file
commit 2aad635648fc39f1b1ba207976c2e89798c38e90
Author: Damien Jade Duff <djduff@itu.edu.tr>
Date: Fri Sep 15 17:35:52 2017 +0300
    Initial commit
mint@mint ~/Documents/repo $ git push
Username for 'https://github.com': cultist-chicken
Password for 'https://cultist-chicken@github.com':
Counting objects: 3, done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 597 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/ituis17/al-cultist-chicken.git
  4fb4428..14a8133 master -> master
mint@mint ~/Documents/repo $
```



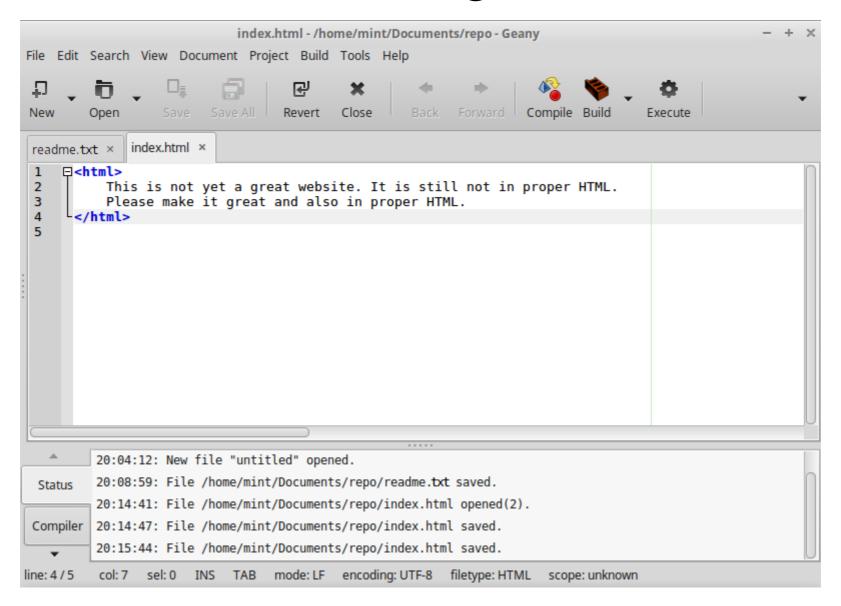


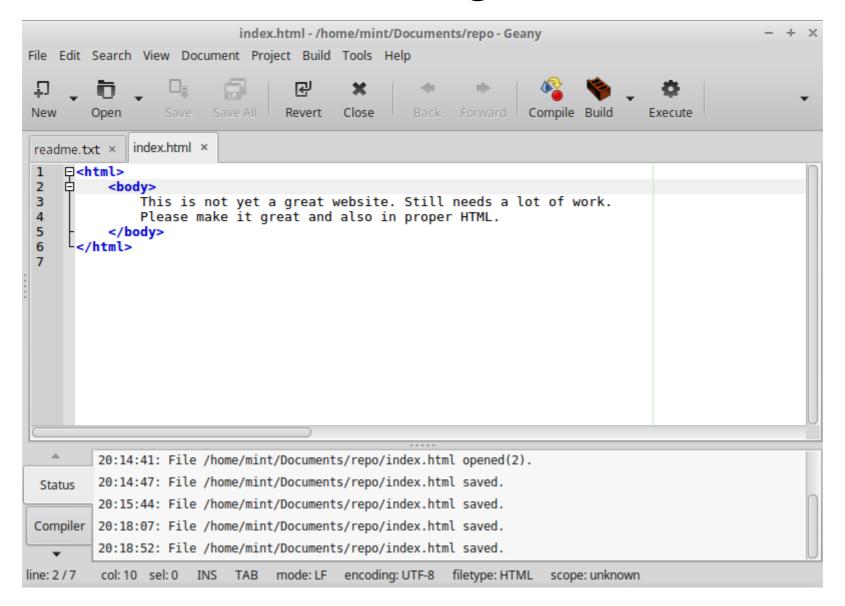
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes not staged for commit:
 (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)
no changes added to commit (use "git add" and/or "git commit -a")
mint@mint ~/Documents/repo $
```

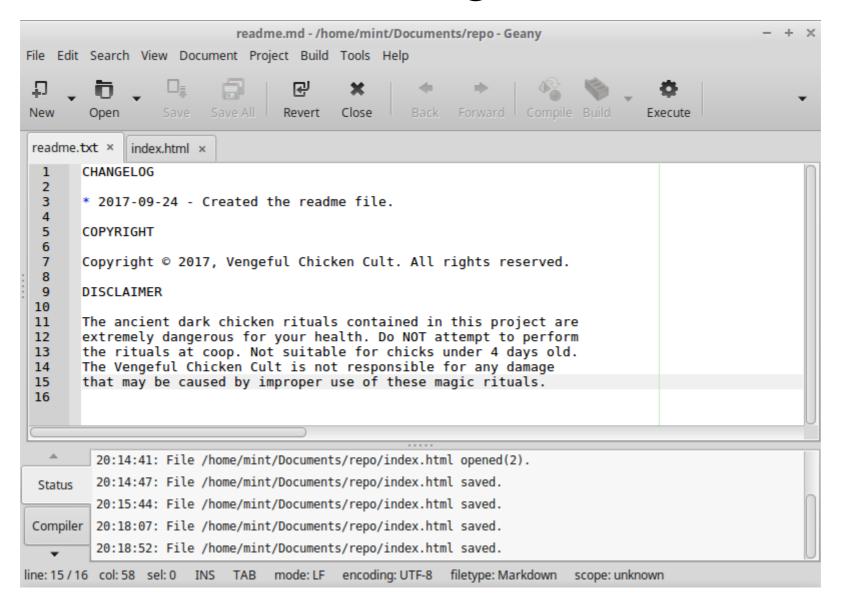
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html
mint@mint ~/Documents/repo $
```

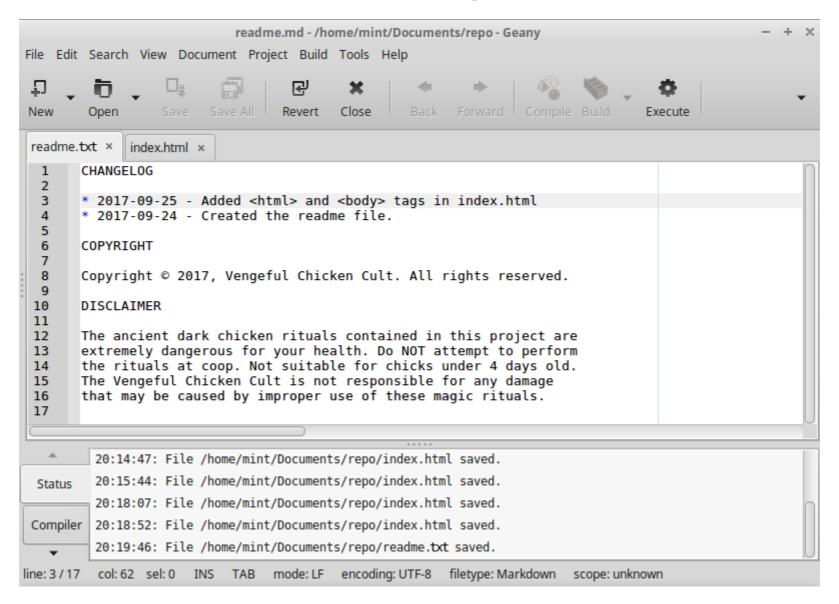
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html
mint@mint ~/Documents/repo $ git commit -m "Add <html> tags in index.html"
[master 72bb7d2] Add <html> tags in index.html
 1 file changed, 4 insertions(+), 1 deletion(-)
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html
mint@mint ~/Documents/repo $ git commit -m "Add <html> tags in index.html"
[master 72bb7d2] Add <html> tags in index.html
1 file changed, 4 insertions(+), 1 deletion(-)
mint@mint ~/Documents/repo $ git log
commit 72bb7d28623643ebc0b0b9eb98c196dc46ec7f7a
Author: Umut Sulubacak <cultist-chicken@gmail.com>
Date: Fri Sep 22 20:17:05 2017 +0000
    Add <html> tags in index.html
commit 14a813376b00660a787a896d78c7c1950d94974c
Author: Umut Sulubacak <cultist-chicken@gmail.com>
        Fri Sep 22 20:11:09 2017 +0000
Date:
    Add readme file
commit 2aad635648fc39f1b1ba207976c2e89798c38e90
Author: Damien Jade Duff <djduff@itu.edu.tr>
Date: Fri Sep 15 17:35:52 2017 +0300
    Initial commit
mint@mint ~/Documents/repo $
```









```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html readme.txt
mint@mint ~/Documents/repo $
```

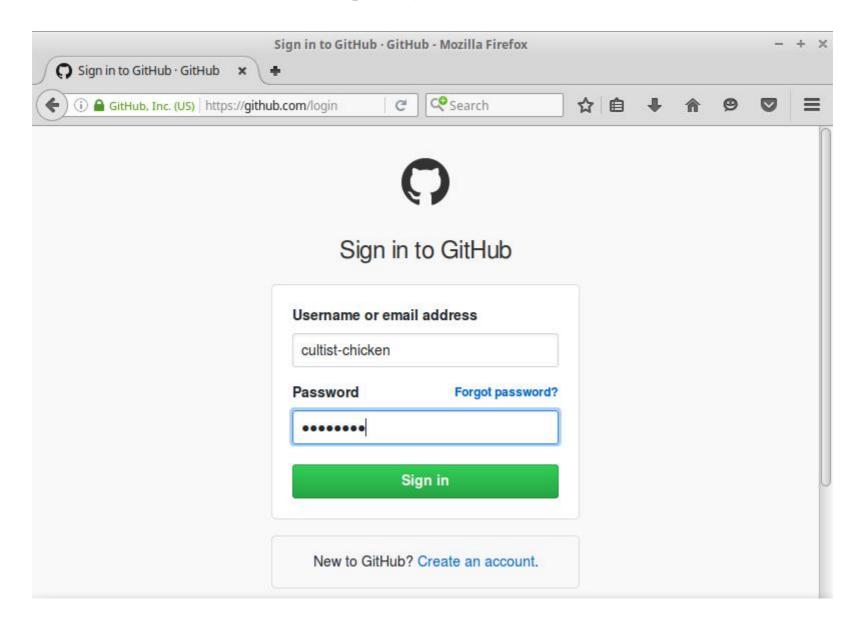
```
Terminal - mint@mint ~/Documents/repo
 File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html readme.txt
mint@mint ~/Documents/repo $ git commit -m "Add <body> tags"
[master 9aae5ed] Add <body> tags
2 files changed, 5 insertions(+), 2 deletions(-)
mint@mint ~/Documents/repo $
```

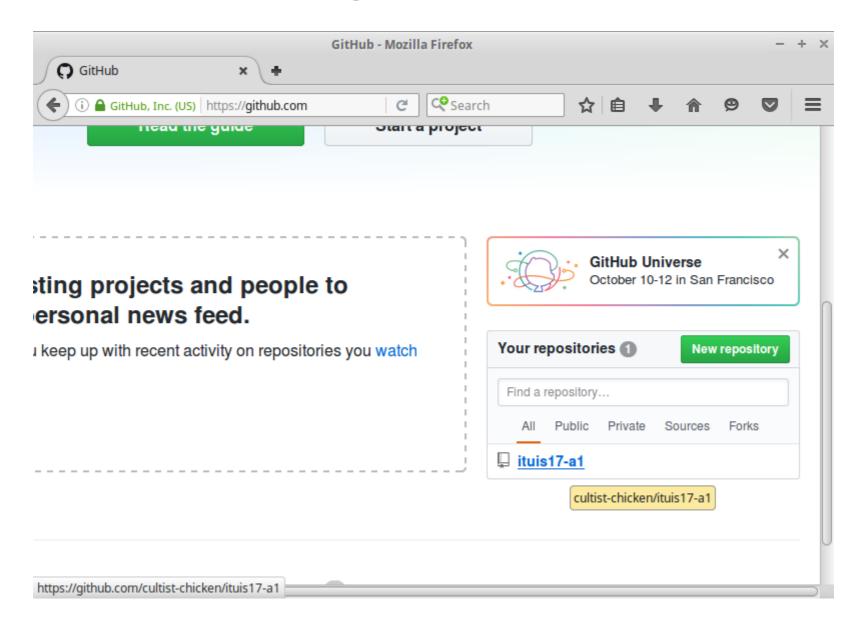
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git add index.html readme.txt
mint@mint ~/Documents/repo $ git commit -m "Add <body> tags"
[master 9aae5ed] Add <body> tags
2 files changed, 5 insertions(+), 2 deletions(-)
mint@mint ~/Documents/repo $ git push
Username for 'https://github.com': cultist-chicken
Password for 'https://cultist-chicken@github.com':
Counting objects: 7, done.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 873 bytes | 0 bytes/s, done.
Total 7 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ituis17/al-cultist-chicken.git
  14a8133..9aae5ed master -> master
mint@mint ~/Documents/repo $
```

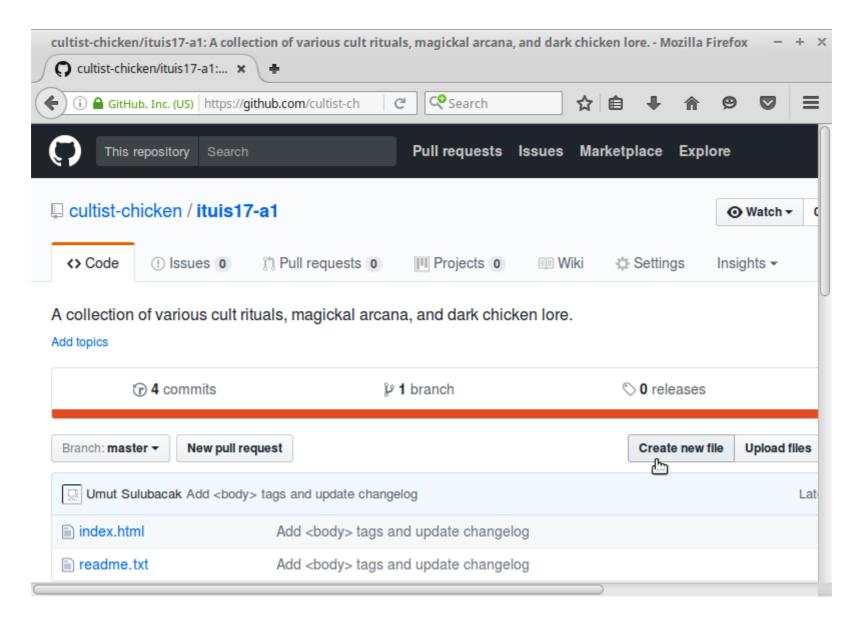
## Git: Config

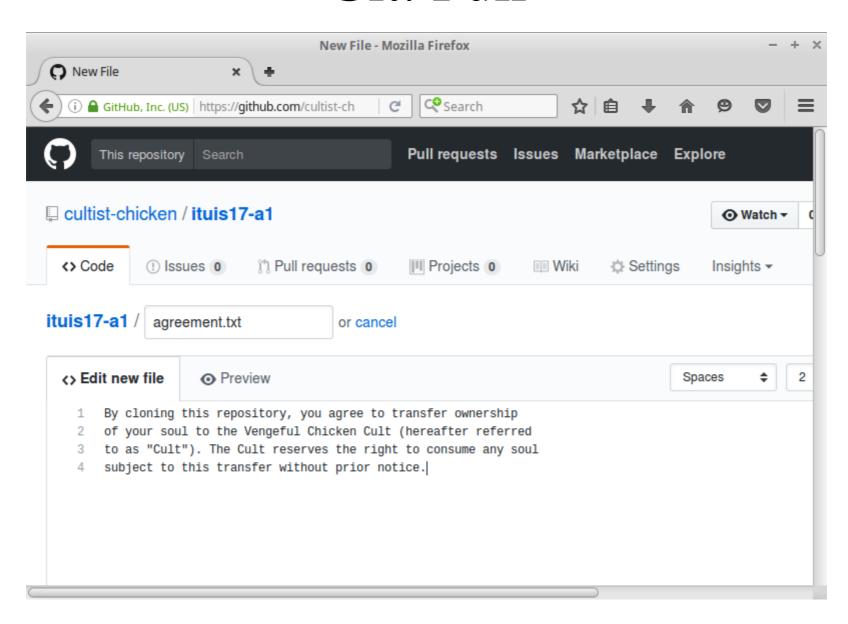
```
Terminal - mint@mint ~/Documents/repo
 File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ git commit -m "The first time you are doing a commit..."
*** Please tell me who you are.
Run
  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"
to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'mint@mint.(none)')
mint@mint ~/Documents/repo $ git config --global user.email "cultist-chicken@gmail.com"
mint@mint ~/Documents/repo $ git config --global user.name "Umut Sulubacak"
mint@mint ~/Documents/repo $
```

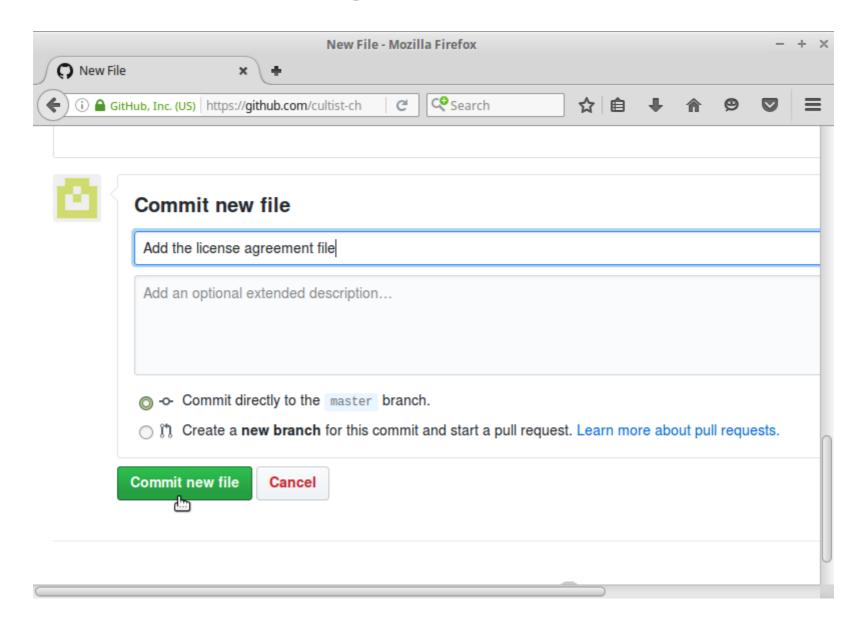
```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ ls
index.html readme.txt
mint@mint ~/Documents/repo $
```











```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ ls
index.html readme.txt
mint@mint ~/Documents/repo $ git pull
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/ituis17/al-cultist-chicken
  9aae5ed..a6d1585 master -> origin/master
Updating 9aae5ed..a6d1585
Fast-forward
 agreement.txt | 4 ++++
 1 file changed, 4 insertions(+)
create mode 100644 agreement.txt
mint@mint ~/Documents/repo $
```

```
Terminal - mint@mint ~/Documents/repo
File Edit View Terminal Tabs Help
mint@mint ~/Documents/repo $ ls
index.html readme.txt
mint@mint ~/Documents/repo $ git pull
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/ituis17/al-cultist-chicken
  9aae5ed..a6d1585 master -> origin/master
Updating 9aae5ed..a6d1585
Fast-forward
 agreement.txt | 4 ++++
 1 file changed, 4 insertions(+)
create mode 100644 agreement.txt
mint@mint ~/Documents/repo $ ls
agreement.txt index.html readme.txt
mint@mint ~/Documents/repo $
```