

# Steps to Uploading Your Code to GitHub

## Step 1

### Create a New Repository in GitHub.com

The screenshot shows the GitHub profile page for user 'afhaque'. The page layout includes a header with the GitHub logo, a search bar, and navigation links for 'Pull requests', 'Issues', and 'Gist'. Below the header, the user's profile information is displayed, including their name 'afhaque' and a dropdown menu. The main content area is divided into two columns. The left column lists the user's recent activity, including stars and forks of repositories. The right column features a notification banner for 'Improved commenting with Markdown', a section titled 'Repositories you contribute to' listing several repositories, and a section titled 'Your repositories' with a '+ New repository' button highlighted by a red box. The 'Your repositories' section also includes a search bar and a list of repositories.

GitHub, Inc. [US] https://github.com  
inbox (695) - ba... LearnerNation

Search GitHub Pull requests Issues Gist

afhaque

RocketPropelledData starred afhaque/MeanMapAppV2.0 3 days ago

johnnyringo starred afhaque/MeanMapAppV2.0 3 days ago

zrelli starred afhaque/MeanMapAppV2.0 10 days ago

fatihgol forked afhaque/MeanMapAppV2.0 to fatihgol/MeanMapAppV2.0 12 days ago

jotalp forked afhaque/MeanMapAppV2.0 to jotalp/MeanMapAppV2.0 14 days ago

jcsibon forked afhaque/MeanMapAppV2.0 to jcsibon/MeanMapAppV2.0 16 days ago

sachsy forked afhaque/node-token-authentication to sachsy/node-token-authentication 21 days ago

sachsy forked afhaque/angular-google-maps to sachsy/angular-google-maps 21 days ago

pmaingi starred afhaque/Rice-DevChats-Bootstrap 21 days ago

pmaingi starred afhaque/node-todo 21 days ago

pmaingi starred afhaque/MeanMapAppV2.0 21 days ago

Improved commenting with Markdown

View 69 new broadcasts

Repositories you contribute to

Repository	Stars
RutgersCoding.../0125-mw-clas...	0
RutgersCoding.../All-Lesson-PI...	0
felix-d/mapit-MEAN-RESTful-app	15
carriesmith/mean-google-maps	0
localytics/angular-chosen	564

Your repositories 41

+ New repository

Find a repository...

All Public Private Sources Forks

wedclassdemo

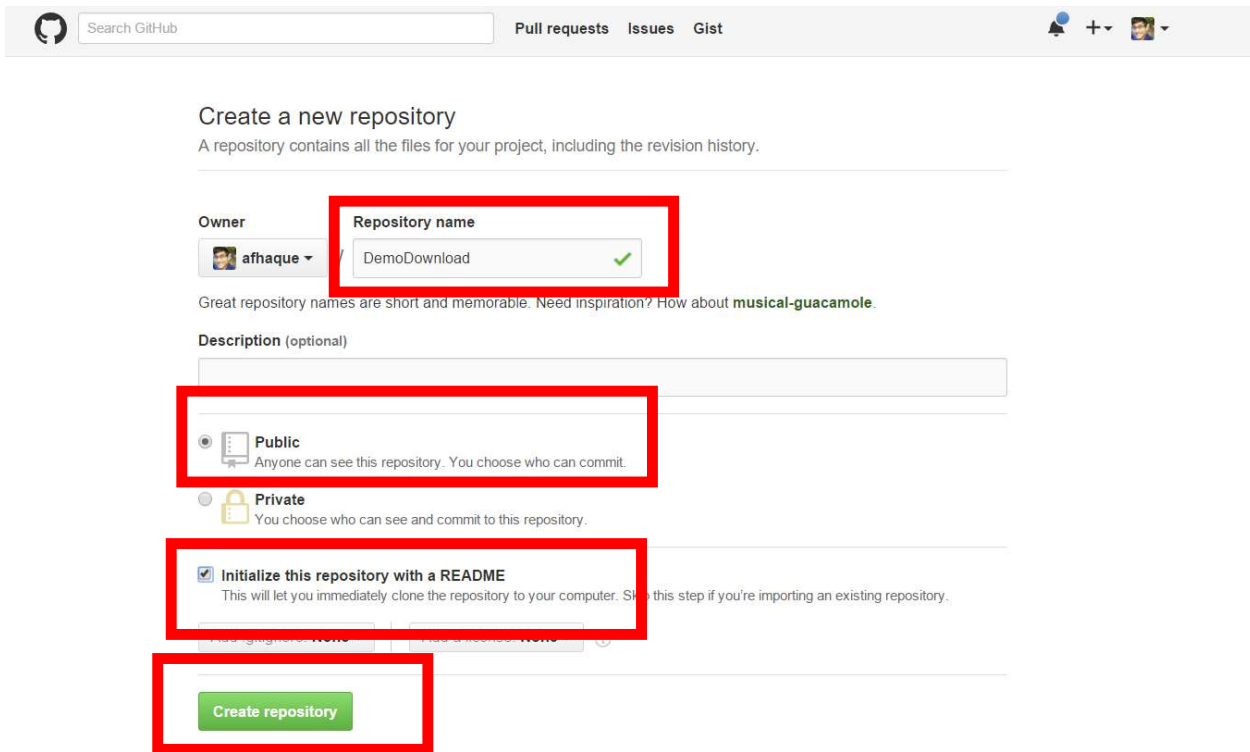
RutgersCodingBootc.../0125-mw-class-c...

DemoRepository

All-Lesson-Plans

## Step 2

Give the Repository a Name, set it to Public, and check “Initialize this repository with a README.”



The screenshot shows the GitHub 'Create a new repository' interface. The page title is 'Create a new repository' with a subtitle 'A repository contains all the files for your project, including the revision history.' The 'Owner' is set to 'afhaque'. The 'Repository name' field contains 'DemoDownload' and is highlighted with a red box. Below this, a message states: 'Great repository names are short and memorable. Need inspiration? How about [musical-guacamole](#).' The 'Description (optional)' field is empty. The 'Public' option is selected and highlighted with a red box, with the text 'Anyone can see this repository. You choose who can commit.' The 'Private' option is also visible with the text 'You choose who can see and commit to this repository.' The 'Initialize this repository with a README' checkbox is checked and highlighted with a red box, with the text 'This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.' At the bottom, the 'Create repository' button is highlighted with a red box.

Search GitHub

Pull requests Issues Gist

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner

afhaque

Repository name

DemoDownload

Great repository names are short and memorable. Need inspiration? How about [musical-guacamole](#).

Description (optional)

☒ Public  
Anyone can see this repository. You choose who can commit.

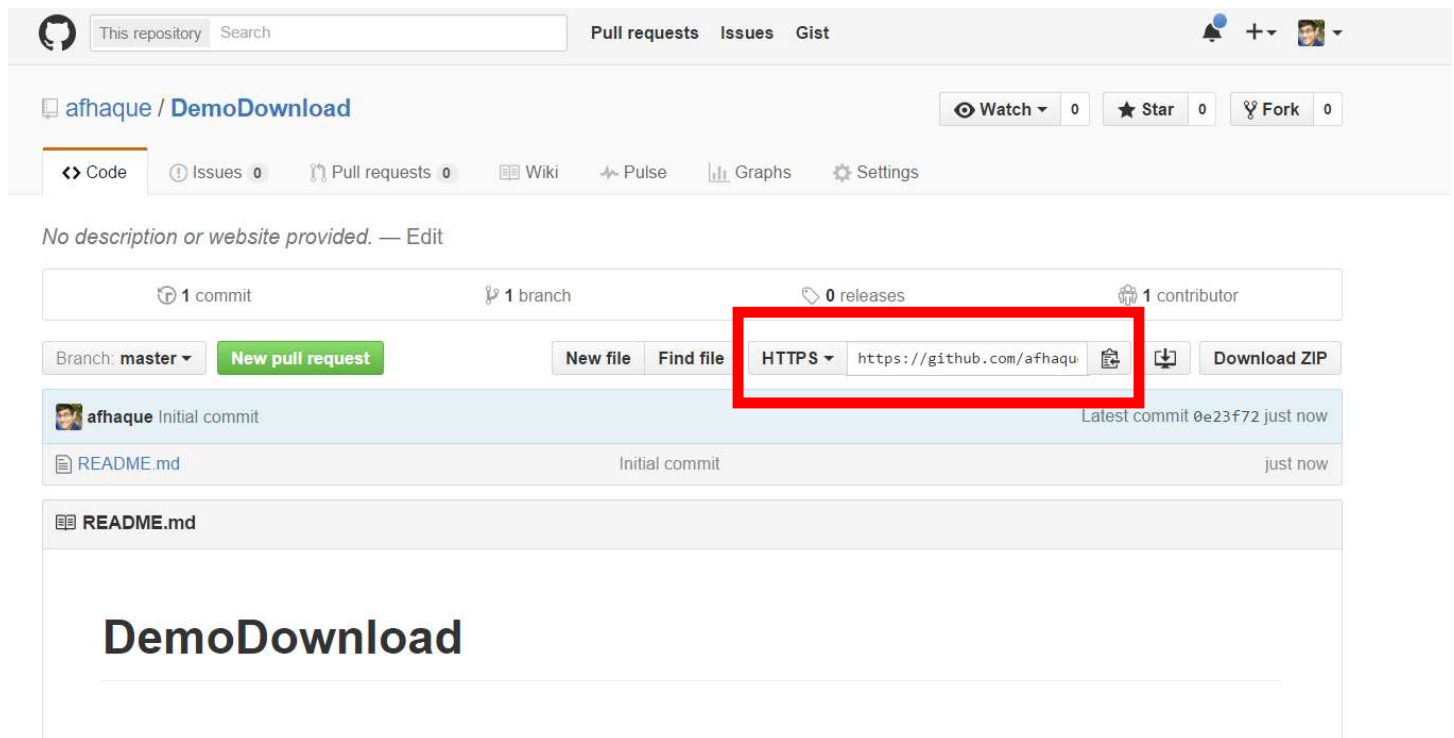
☐ Private  
You choose who can see and commit to this repository.

☒ Initialize this repository with a README  
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Create repository

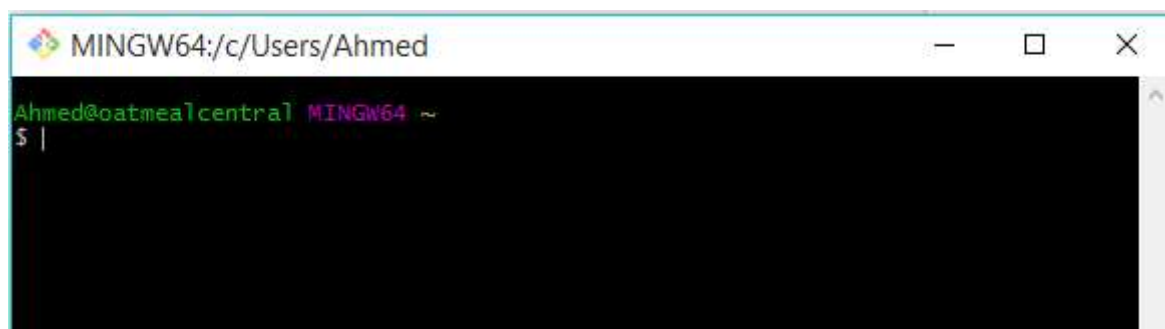
## Step 3

Copy the link associated with your new repository from GitHub.



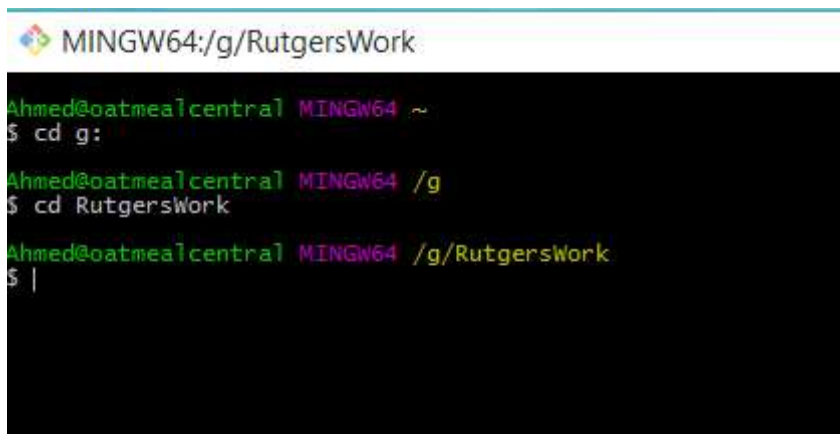
## Step 4

Open the Bash (or Terminal) window.



## Step 5

Using Console, navigate into a folder where you'd like to download your code.

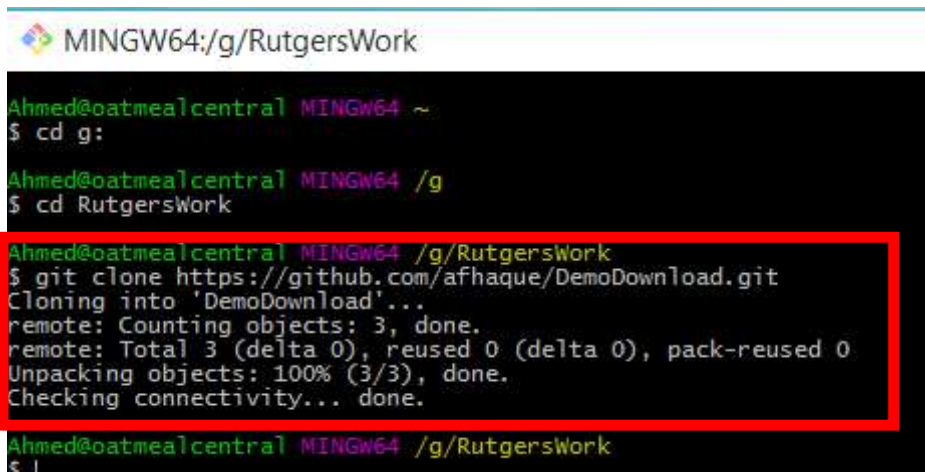
A terminal window titled 'MINGW64:/g/RutgersWork' showing a user named Ahmed@oatmealcentral navigating through directories. The commands entered are 'cd g:', 'cd /g', and 'cd RutgersWork', with the final prompt being '\$ |' in the RutgersWork directory.

```
MINGW64:/g/RutgersWork
Ahmed@oatmealcentral MINGW64 ~
$ cd g:
Ahmed@oatmealcentral MINGW64 /g
$ cd RutgersWork
Ahmed@oatmealcentral MINGW64 /g/RutgersWork
$ |
```

So in my case, I'm navigating into a folder called RutgersWork in my g: Drive. In your case, it can be anywhere on your computer that you want to download code.

## Step 6

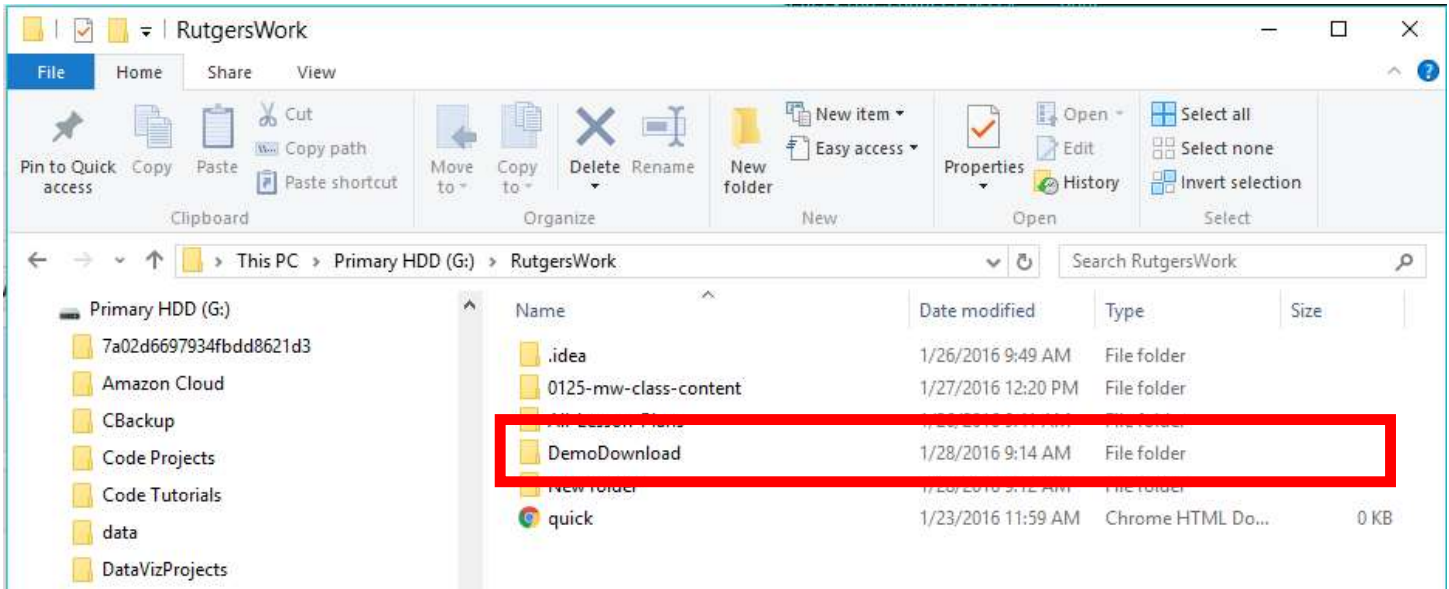
Next, in console, type the command *git clone* \_\_\_\_\_ and paste the link to your GitHub repository in that blank space. Your screen should look something like mine.

A terminal window titled 'MINGW64:/g/RutgersWork' showing the execution of a git clone command. The command is 'git clone https://github.com/afhaque/DemoDownload.git'. The output shows the cloning process, including counting objects, total size, and unpacking status. The final prompt is '\$ |'. A red rectangle highlights the command and its output.

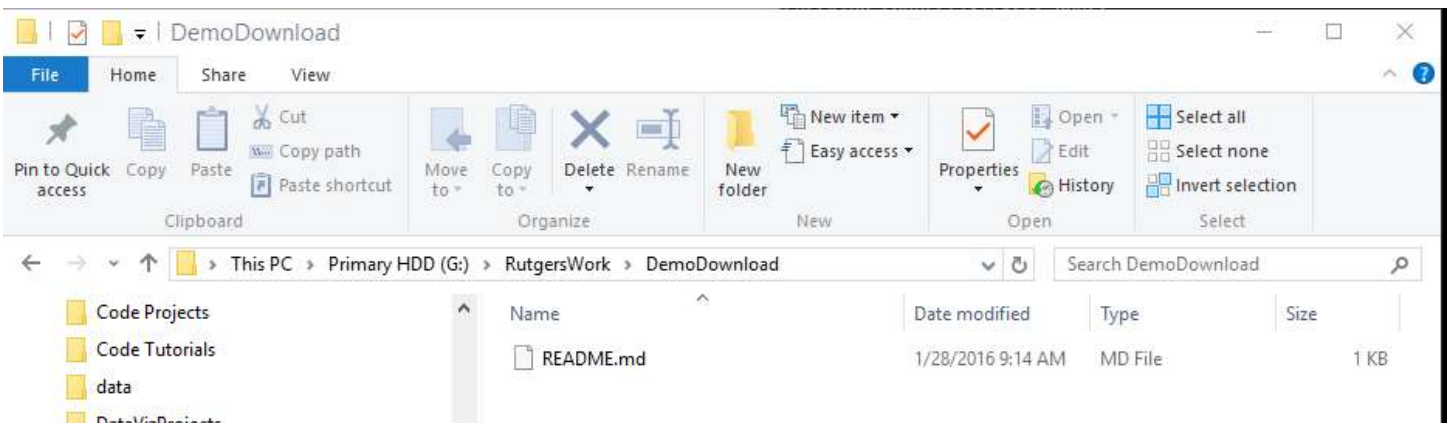
```
MINGW64:/g/RutgersWork
Ahmed@oatmealcentral MINGW64 ~
$ cd g:
Ahmed@oatmealcentral MINGW64 /g
$ cd RutgersWork
Ahmed@oatmealcentral MINGW64 /g/RutgersWork
$ git clone https://github.com/afhaque/DemoDownload.git
Cloning into 'DemoDownload'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
Ahmed@oatmealcentral MINGW64 /g/RutgersWork
$ |
```

## Step 7

Now if you navigate to that folder using file explorer, you will see a new folder with the same name as your repository has been downloaded.

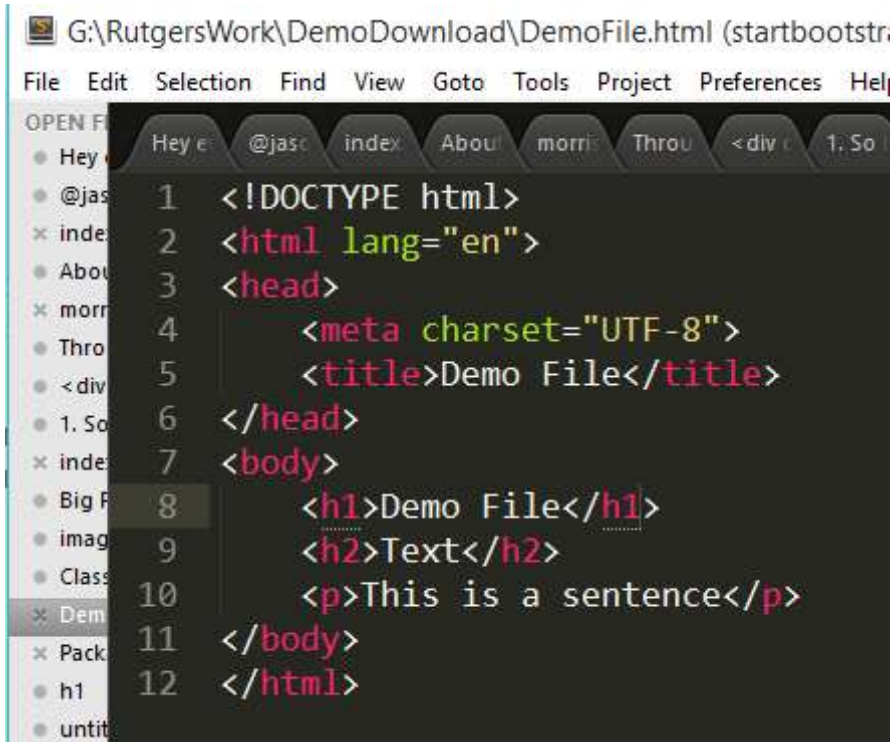


Go into that folder and you will see that it currently has a README file. This folder is now linked to Git.

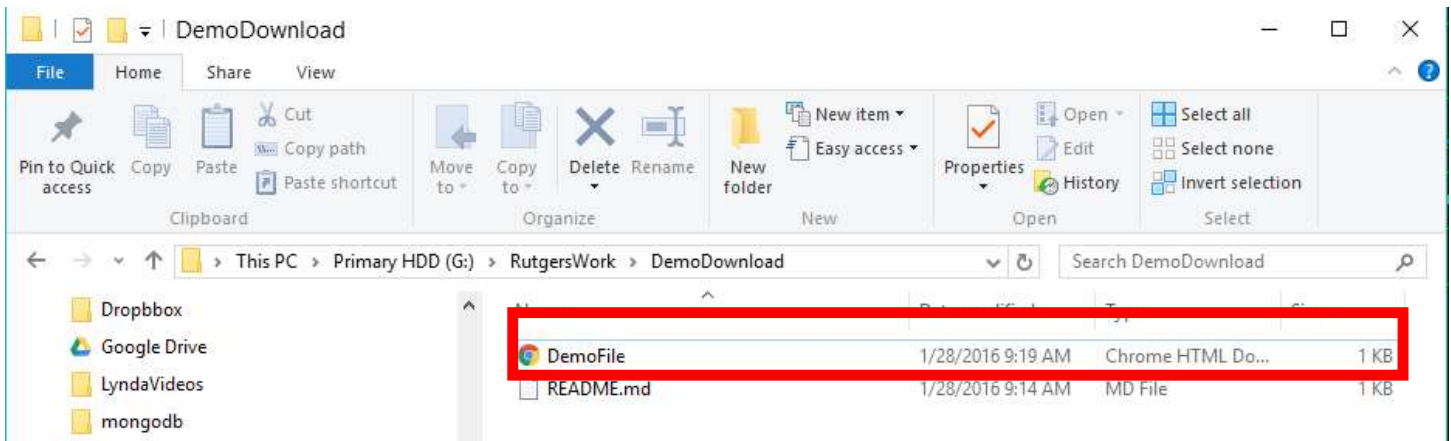


## Step 8

Next create a new HTML file (or use an old HTML file). Save that file inside of your local repository folder.



```
G:\RutgersWork\DemoDownload\DemoFile.html (startbootstrap)
File Edit Selection Find View Goto Tools Project Preferences Help
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Demo File</title>
6 </head>
7 <body>
8   <h1>Demo File</h1>
9   <h2>Text</h2>
10  <p>This is a sentence</p>
11 </body>
12 </html>
```



## Step 8

In console, navigate into the folder associated with your code using the `cd` command.

```
Ahmed@oatmealcentral MINGW64 /g/RutgersWork
$ cd DemoDownload

Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
```

## Step 9

Next, type the command `git add -A`. This will tell git to notice the addition of the new html file. If this command worked you shouldn't see anything happen.

```
Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
$ git add -A

Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
$ |
```

## Step 10

Type the command `git commit -m "_____"` and place a comment in the quotes. This will save your changes locally.

```
Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
$ git commit -m "I added the Demo file!"
[master 3661b45] I added the Demo file!
1 file changed, 12 insertions(+)
create mode 100644 DemoFile.html

Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
$ ...
```



## Step 11

Type the final command *git push*. Enter your GitHub username and password if asked.

```
Ahmed@oatmealcentral MINGW64 /g/RutgersWork/DemoDownload (master)
$ git push
warning: push.default is unset; its implicit value has changed in
Git 2.0 from 'matching' to 'simple'. To squelch this message
and maintain the traditional behavior, use:

    git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

    git config --global push.default simple

When push.default is set to 'matching', git will push local branches
to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'
behavior, which only pushes the current branch to the corresponding
remote branch that 'git pull' uses to update the current branch.

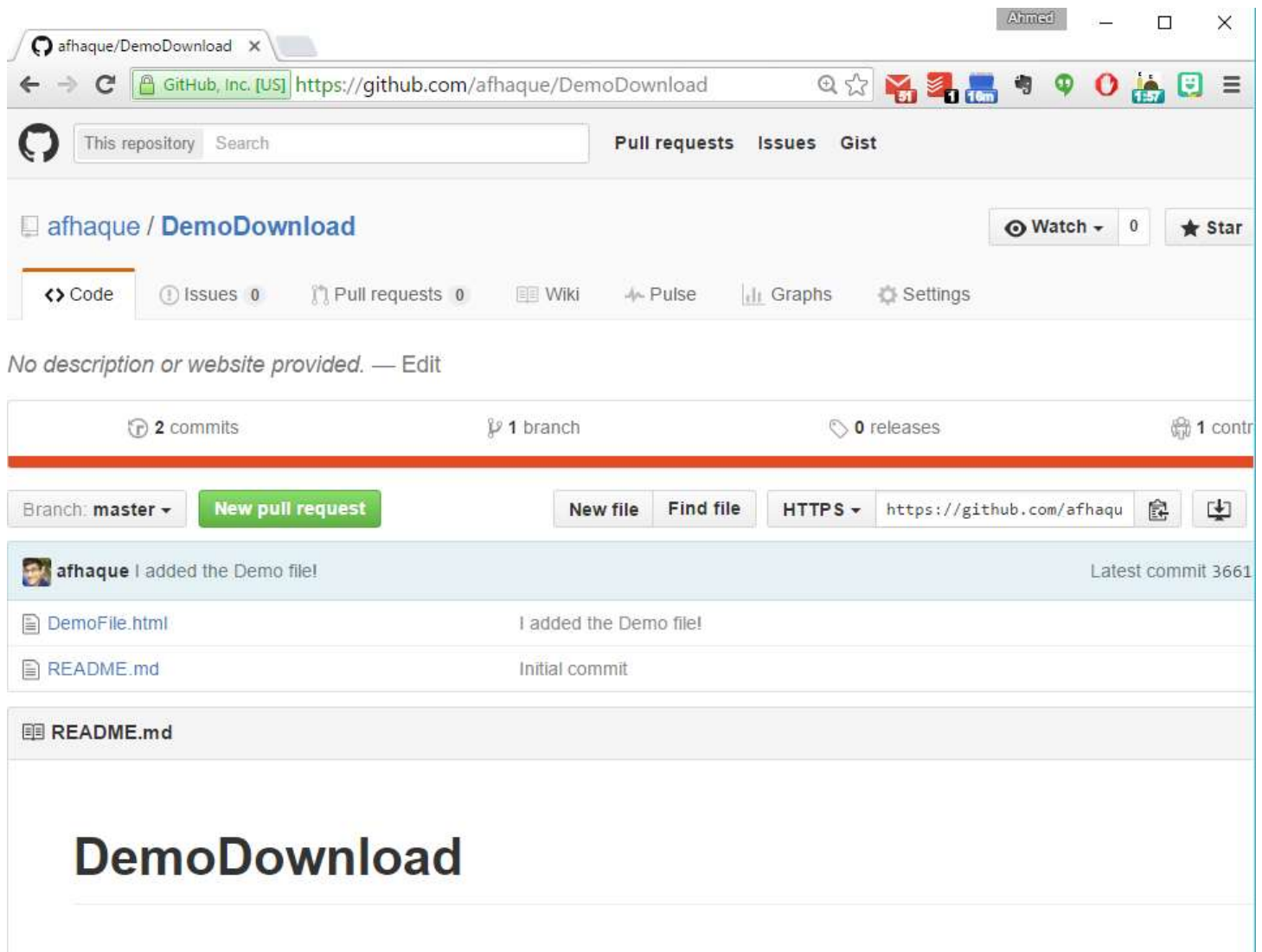
See 'git help config' and search for 'push.default' for further information.
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode
'current' instead of 'simple' if you sometimes use older versions of Git)

Username for 'https://github.com': afhaque
Password for 'https://afhaque@github.com':
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 420 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/afhaque/DemoDownload.git
0e23f72..3661b45 master -> master
```



## Step 12

Go back to the GitHub repository and you should see the file having been inserted!



The screenshot shows a web browser window displaying the GitHub repository page for 'afhaque/DemoDownload'. The browser's address bar shows the URL 'https://github.com/afhaque/DemoDownload'. The repository page includes a search bar, navigation links for 'Pull requests', 'Issues', and 'Gist', and a 'Watch' button. Below the repository name, there are tabs for 'Code', 'Issues', 'Pull requests', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The 'Code' tab is selected, showing a commit history table with two entries: 'afhaque I added the Demo file!' (latest commit 3661) and 'Initial commit'. Below the commit history, there is a section for the 'README.md' file, which contains the text 'DemoDownload'.

afhaque/DemoDownload

GitHub, Inc. [US] https://github.com/afhaque/DemoDownload

This repository Search Pull requests Issues Gist

afhaque / DemoDownload Watch 0 Star

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

No description or website provided. — Edit

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request New file Find file HTTPS https://github.com/afhaque

afhaque I added the Demo file! Latest commit 3661

DemoFile.html	I added the Demo file!
README.md	Initial commit

README.md

# DemoDownload

SUCCESS!!!!