

# GitHub Intro

Lab 01C

by

Andrea Hatch, Nishava Inc.

Deep Azure @McKesson

# Steps

1. Set up a GitHub account
2. Create a repository
3. Upload a file from your desktop

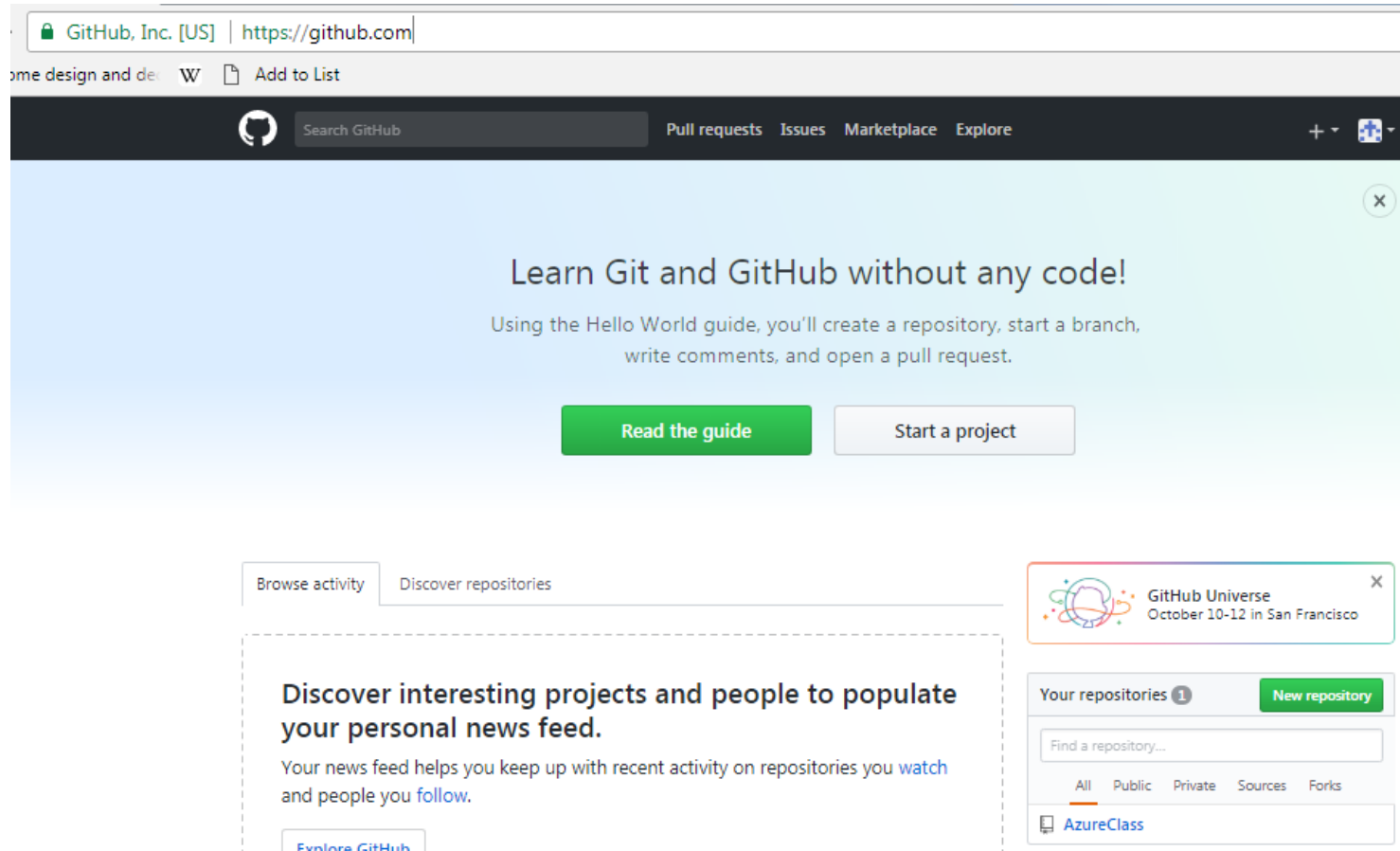
# I. SET UP A GITHUB ACCOUNT

# What is GitHub?

- A GitHub account is needed for this class to help with your learning
- GitHub is a version control repository with many already built Azure repositories that you can use for your learning

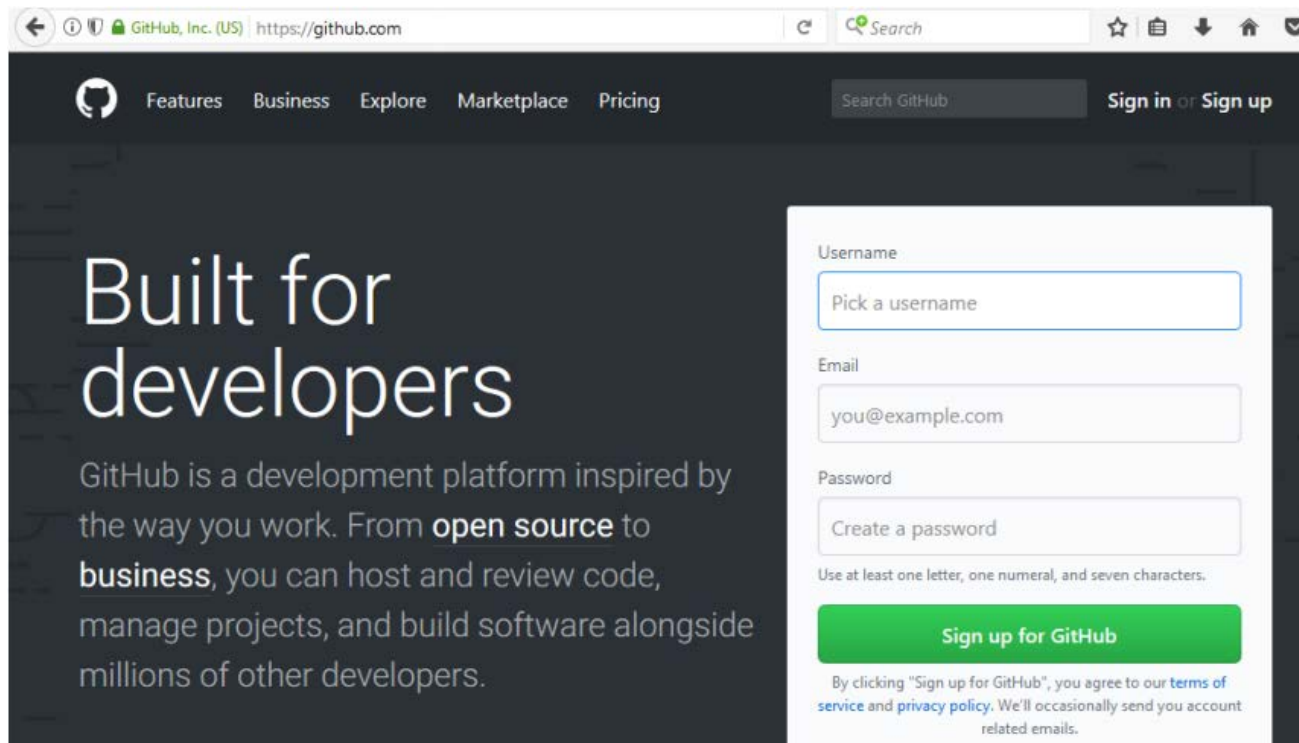
# Where do you get GitHub?

- <https://github.com/>



# GitHub set-up

- Create a username, email and password and then select 'sign-up'



The screenshot shows the GitHub website's sign-up interface. The browser's address bar displays 'https://github.com'. The navigation bar includes links for 'Features', 'Business', 'Explore', 'Marketplace', and 'Pricing', along with a search bar and 'Sign in or Sign up' options. The main content area features the text 'Built for developers' and a description of GitHub as a development platform. On the right, a sign-up form is visible with fields for 'Username' (placeholder: 'Pick a username'), 'Email' (placeholder: 'you@example.com'), and 'Password' (placeholder: 'Create a password'). Below the password field, a note states: 'Use at least one letter, one numeral, and seven characters.' A green button labeled 'Sign up for GitHub' is positioned below the form. At the bottom of the form, a disclaimer reads: 'By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails.'

# GitHub - Verify account

- You will receive an email to verify your account
- Verifying your account is not necessary but will allow you to access ALL features of GitHub

GitHub <noreply@github.com>

to me 

Hi

Help us secure your GitHub account by verifying your email address features.

[Verify email address](#)

This lets you access all of GitHub's

# GitHub set-up cont...

- Select 'unlimited public repositories for **free**' then Select Continue to move to Step 3
- Note: your code will be visible to the public so be careful what you post

## Welcome to GitHub

You've taken your first step into a larger world,



Completed

Set up a personal account



Step 2:

Choose your plan



Step 3:

Tailor your experience

### Choose your personal plan



Unlimited public repositories for free.



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

### Both plans include:

- ✓ Collaborative code review
- ✓ Issue tracking
- ✓ Open source community
- ✓ Unlimited public repositories
- ✓ Join any organization






# GitHub set-up

- Fill out the questionnaire or select skip this step at the bottom

Welcome to GitHub

You'll find endless opportunities to learn, code, and create.

 <b>Completed</b> Set up a personal account	 <b>Step 2:</b> Choose your plan	 <b>Step 3:</b> Tailor your experience
---	--	--

How would you describe your level of programming experience?

☐ Very experienced      ☒ Somewhat experienced      ☐ Totally new to programming

What do you plan to use GitHub for? (check all that apply)

☐ Development      ☐ Project Management      ☒ Research  
☐ Design      ☒ School projects      ☐ Other (please specify)

Which is closest to how you would describe yourself?

☐ I'm a hobbyist      ☐ I'm a professional      ☒ I'm a student  
☐ Other (please specify)

What are you interested in?

web-development × tutorials ×

e.g. tutorials, android, ruby, web-development, machine-learning, open-source

[Submit](#) [skip this step](#)

# GitHub set-up

- You have now created an account and can start exploring!
- Select 'Read the guide' for useful information or start a project if you want to play around yourself

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.

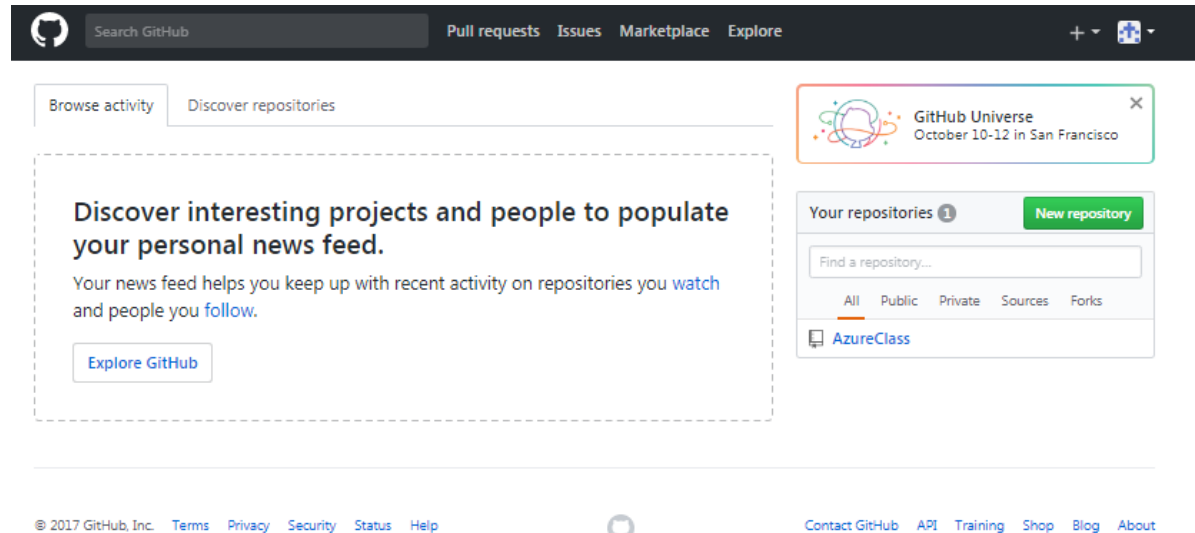
[Read the guide](#)

[Start a project](#)

## II. CREATE A REPOSITORY

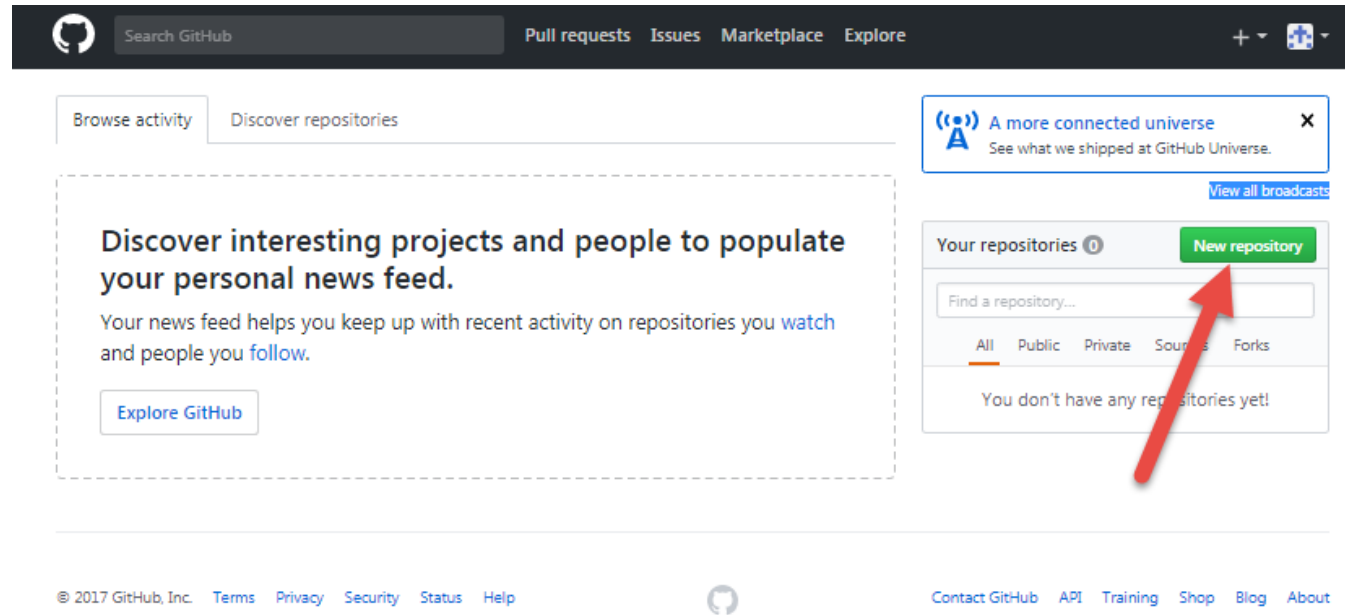
# GitHub Repository

- You can create your own repository from the homepage, which should look similar to this image
- A repository is used to keep one single project organized



# GitHub Repository

- Click the green 'New repository' button on the right of your homepage



# GitHub Repository

- Give your repository a name, make sure 'public' is selected and check off the 'Initialize this repository with a README' and then select 'Create Repository'

## Create a new repository

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

Owner



andreaahoward90 ▾

Repository name

/ Lab01c ✓

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

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.

Add .gitignore: **None** ▾

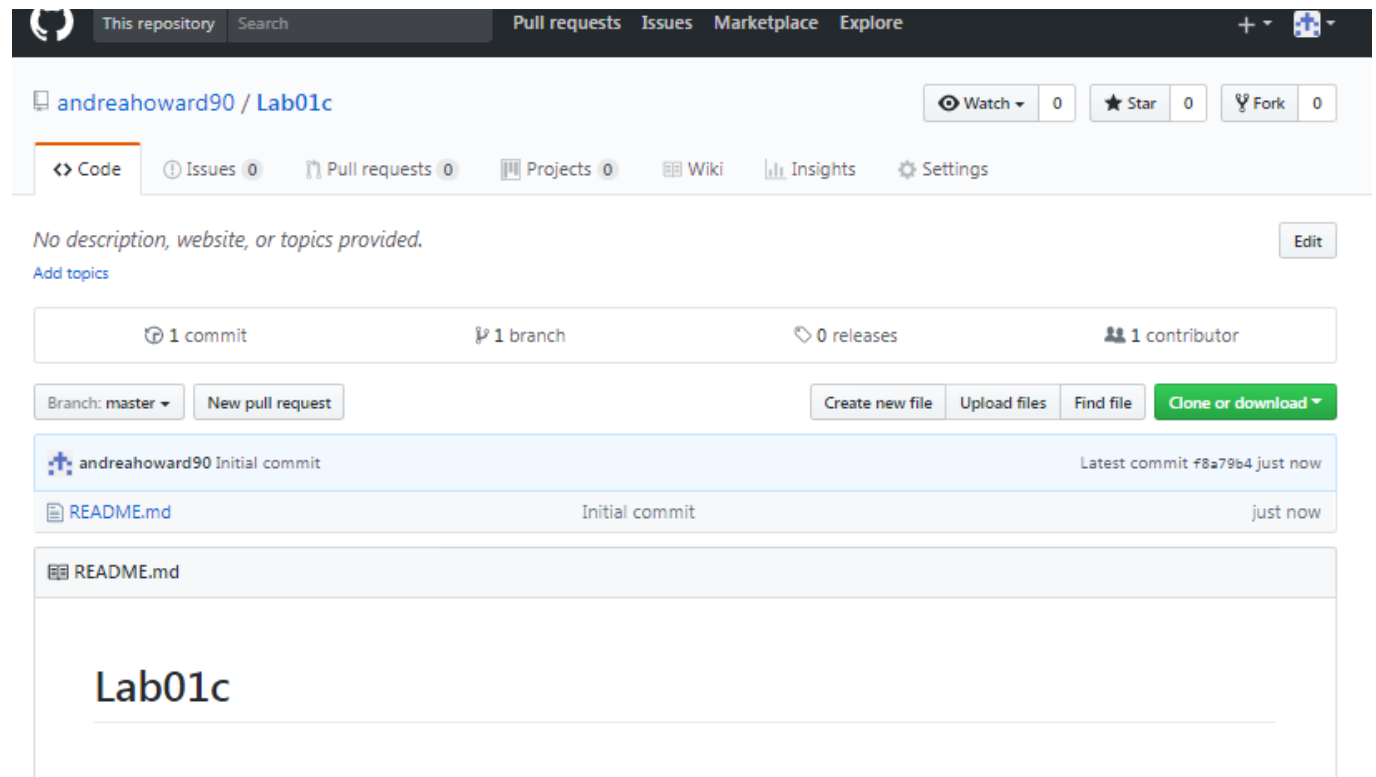
Add a license: **None** ▾



Create repository

# GitHub Repository

- You will then see that your repository has a generic readme and that your repository has been set up

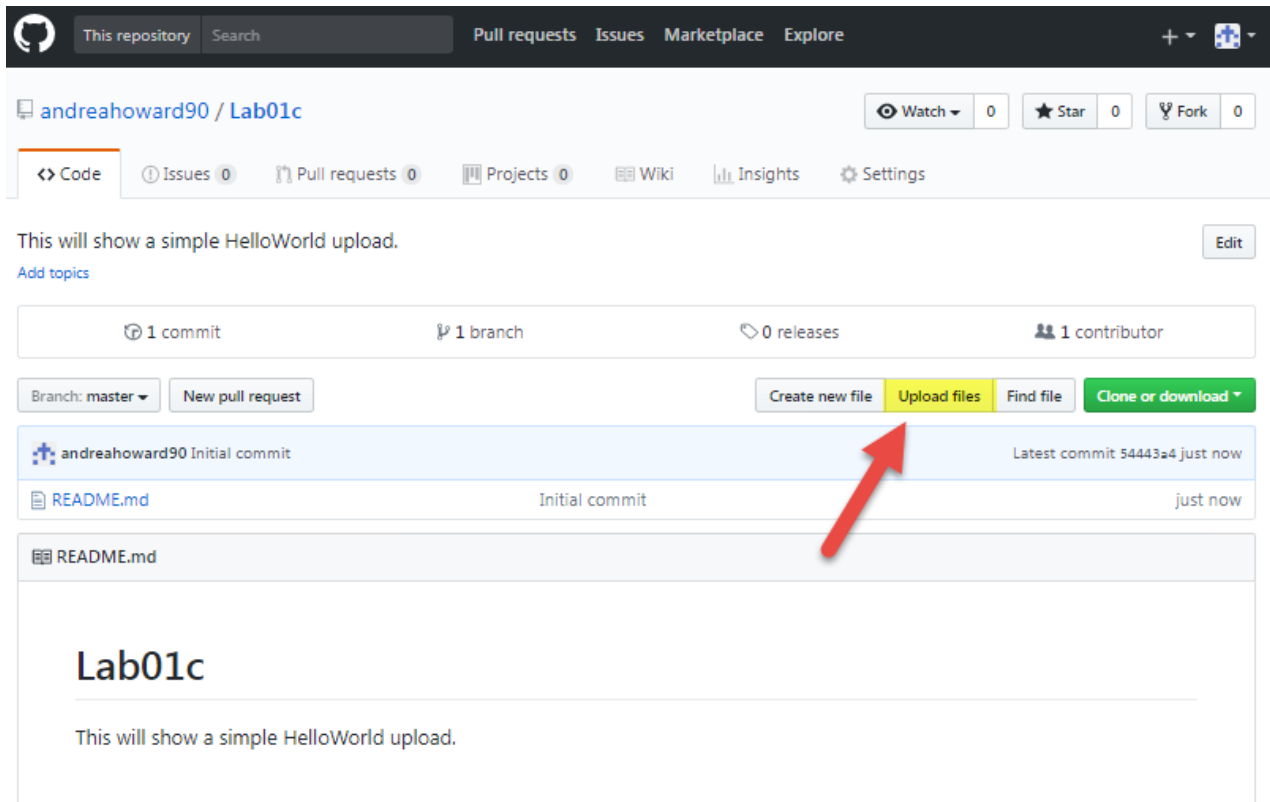


### III. UPLOAD A FILE FROM YOUR DESKTOP



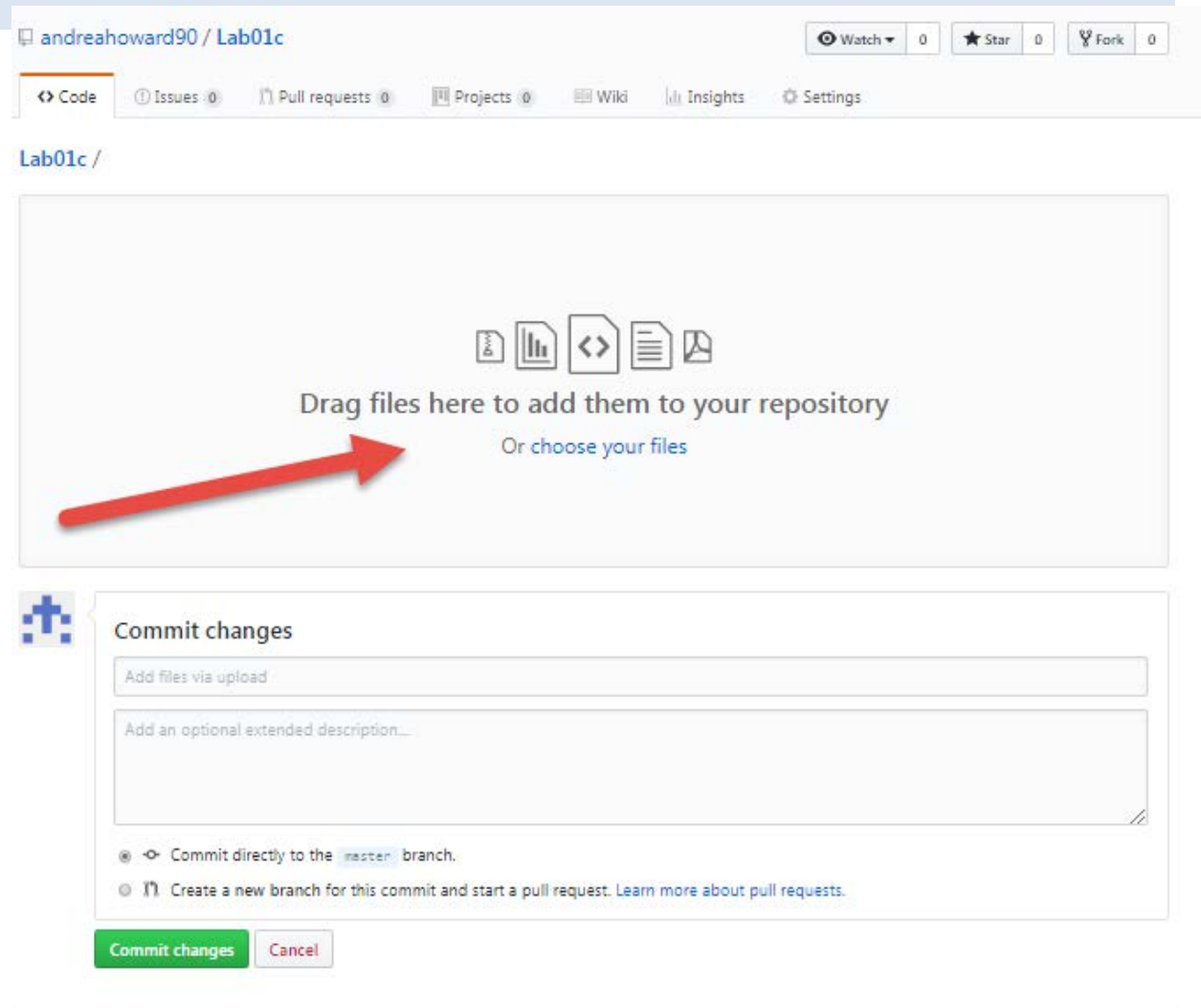
# Uploading a file from Desktop

- In the Code section of your repository you have the option to Upload files, select this in order to upload a file from your Desktop



# Uploading a file from Desktop

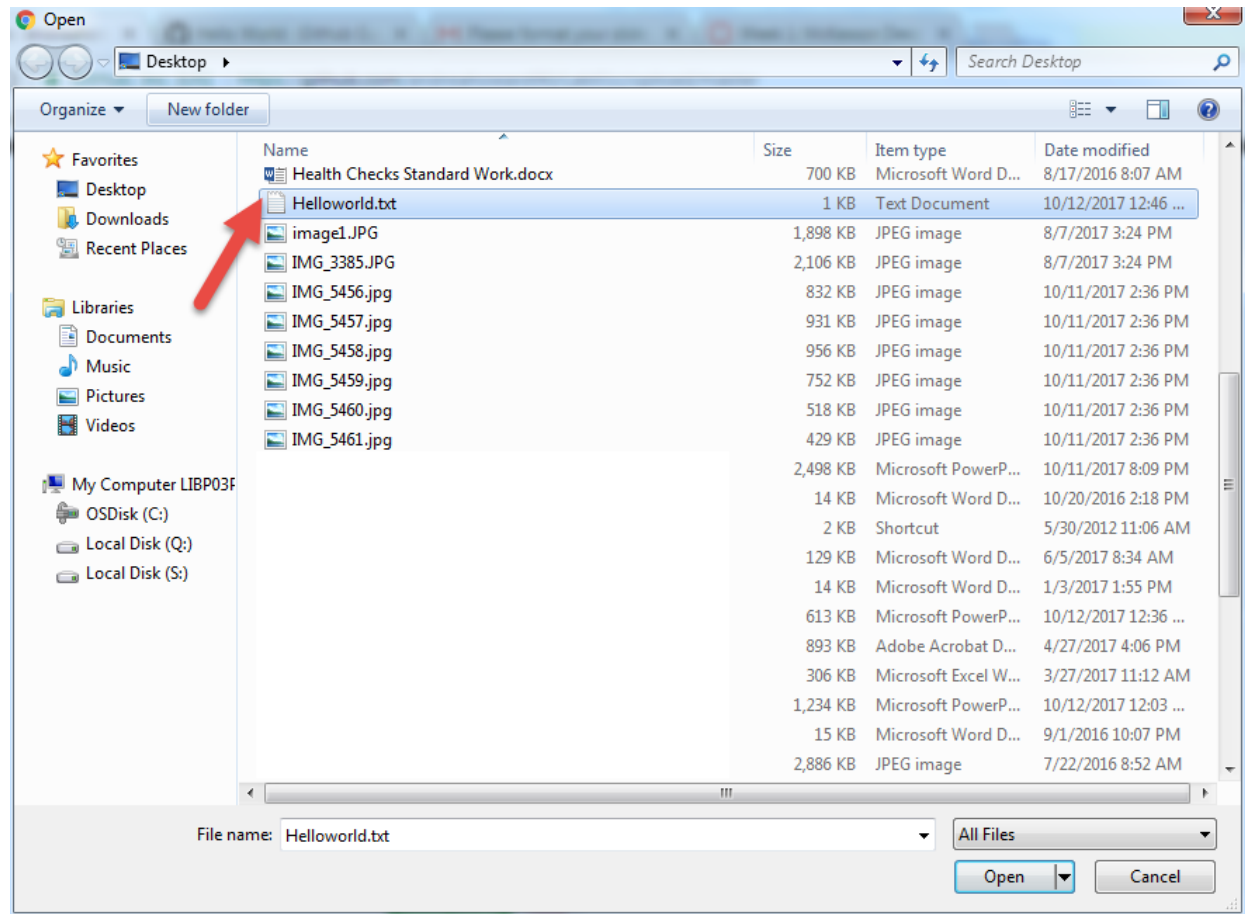
- You can either drag your file from your desktop or select 'choose your files' to upload



The screenshot shows the GitHub interface for the repository 'andreaHoward90 / Lab01c'. At the top, there are buttons for 'Watch', 'Star', and 'Fork', each with a count of 0. Below these are tabs for 'Code', 'Issues', 'Pull requests', 'Projects', 'Wiki', 'Insights', and 'Settings'. The 'Code' tab is selected. The main area displays a large box with the text 'Drag files here to add them to your repository' and 'Or choose your files'. A red arrow points to the 'Drag files here' text. Below this box is a 'Commit changes' section with a text input field for 'Add files via upload', a text area for 'Add an optional extended description...', and two radio button options: 'Commit directly to the master branch.' and 'Create a new branch for this commit and start a pull request. Learn more about pull requests.' At the bottom of the 'Commit changes' section are two buttons: 'Commit changes' (green) and 'Cancel' (red).

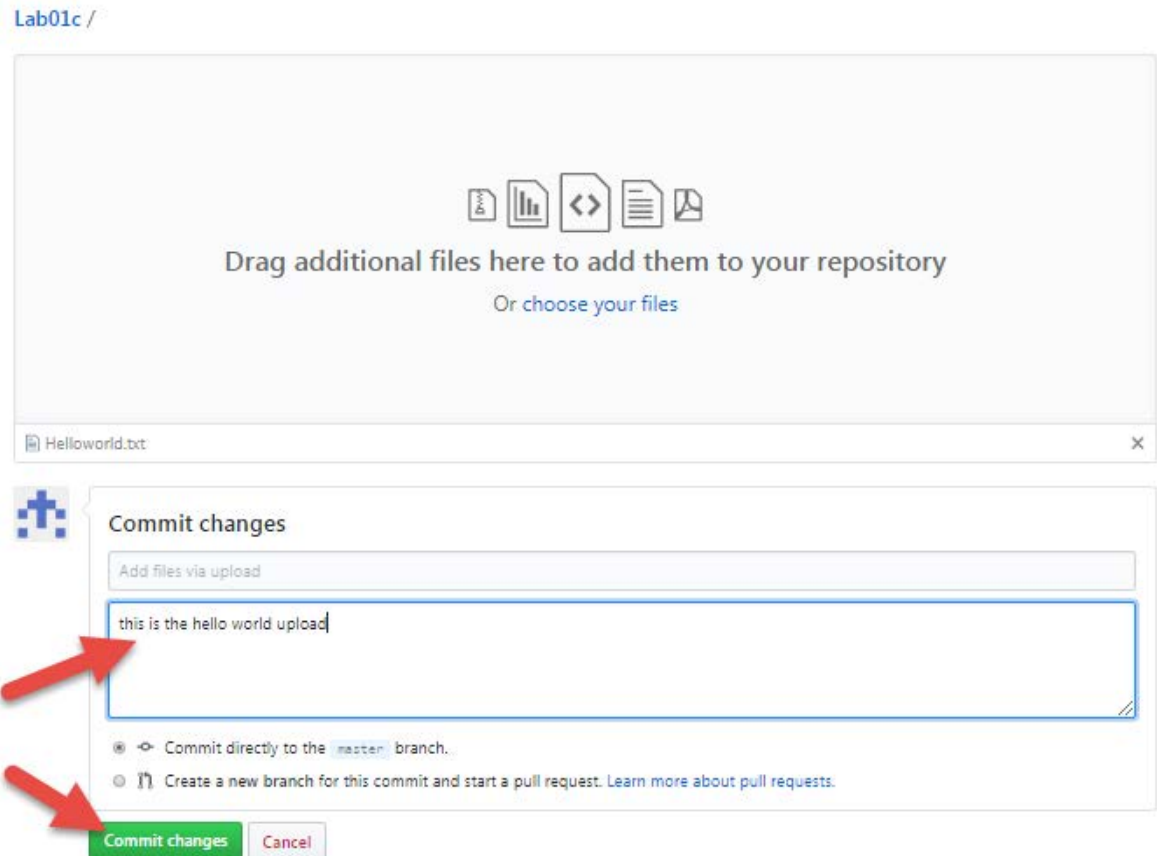
# Uploading a file from Desktop

- Select the file you would like to upload and then select 'Open'
- Note: you can upload as many files as you want before committing your changes



# Uploading a file from Desktop

- Once you have added all of your files, add an optional description and then select 'Commit changes'



# Uploading a file from Desktop

- You have now uploaded a file from your desktop and can see this in the auto-generated description next to the file name

andreaoward90 / Lab01c

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

This will show a simple HelloWorld upload. [Edit](#)

[Add topics](#)

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

andreaoward90 Add files via upload Latest commit c139687 just now

File	Commit	Time
Helloworld.txt	Add files via upload	just now
README.md	Initial commit	10 minutes ago

README.md

## Lab01c

This will show a simple HelloWorld upload.