

GitHub TUTORIAL#1

mach 16

Hi!

These slides contain relevant info we used to make
our first website on GitHub.
We hope you will find them helpful!

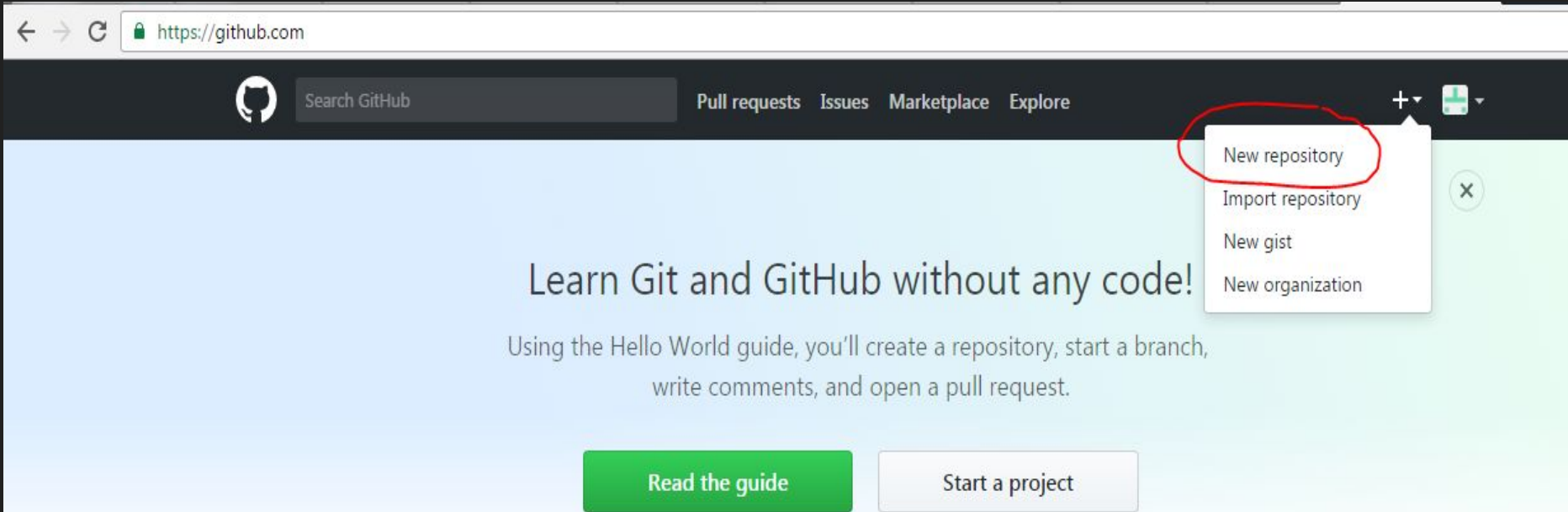
CREATE GitHub ACCOUNT

click! below to create your GitHub account with student discount!

https://education.github.com/discount_requests/new

CREATE A NEW REPOSITORY

Create a new repository and share it with your team...This is where you put your project.



The image shows a screenshot of the GitHub homepage. The browser's address bar displays "https://github.com". The navigation bar includes the GitHub logo, a search bar, and links for "Pull requests", "Issues", "Marketplace", and "Explore". On the right side of the navigation bar, there is a "+" icon and a profile icon. A dropdown menu is open from the "+" icon, with the "New repository" option circled in red. The main content area features the heading "Learn Git and GitHub without any code!" and a sub-heading "Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request." Below this text are two buttons: a green "Read the guide" button and a white "Start a project" button.

← → ↻ <https://github.com>

Search GitHub Pull requests Issues Marketplace Explore

New repository
Import repository
New gist
New organization

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](#)

Your will find your shared repository at the bottom of your main page...

Read the guide

Start a project

Discover interesting projects and people to populate your personal news feed.

Your news feed helps you keep up with recent activity on repositories you [watch](#) and people you [follow](#).

Explore GitHub

 GitHub Universe
October 10-12 in San Francisco

Repositories you contribute to ¹

 [lois-lee/Team-16](#) 0 ★

Your repositories ²

New repository

Find a repository...

All Public Private Sources Forks

 [lois-lee/Team-16](#)

 [ECE3400-2017-teamAlpha](#)

WHAT IS IN YOUR REPOSITORY?

First files you will find:

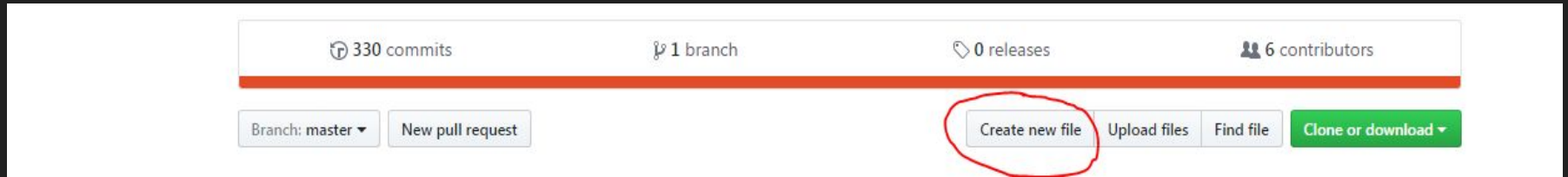
index.md: this is like the home page for your website

README.md: where you a description about your project or team...

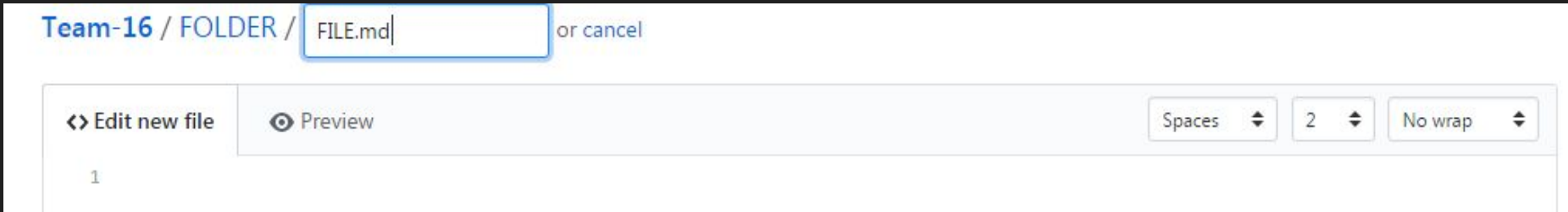
_config.yml: This contains info about the themes you use, the title that appears on top of your home page ...

TO CREATE A FOLDER AND A FILE

Click on **Create new file**



On the Name of your file space write the **name of your folder** then a **forward slash sign(/)** then **name of your file**.



HEADINGS

To change the size of your headings place one of these symbols before your text

Largest

Second Largest

...

Smallest

ADDING IMAGES

![ImageName](FolderLocation.../ImageName.png)

Example:

![Blink tutorial](imagesLab1/blink.png)

Make sure you put the parent folders or a ./ or ../ sign before your file name if your image is not located in your current directory

ADDING WEBSITE LINKS

[LinkName that appears in your website](ActualLink)

[Arduino](<https://www.arduino.cc>)

ADDING VIDEO LINKS

Link only:

[Robot moving in square path](<https://www.youtube.com/watch?v=yF6Pmu4LxbU>)

Video appearing as image:

[![RobotDrivingInaSquare](images/thumbnail_square.jpg)](https://youtu.be/ECudKI_Tpg3w)

EMBEDDING YOUR CODE

```
``` Programming Language Name
```

```
Code
```

```
```
```

```
    ``` Arduino
```

```
 #include <Servo.h> //Library
```

```
 Servo myservo; //Declare instance
```

```
 myservo.attach(11); //Attach the servo input to pin 11
```

```
    ```
```

THAT'S ALL FOLKS!