GitHub & HTML
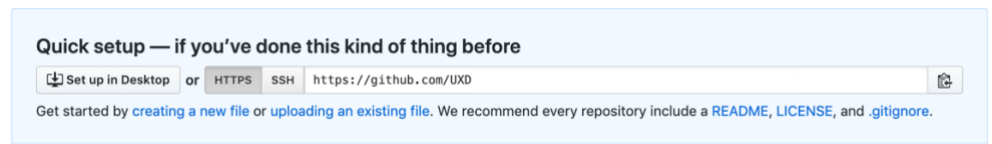
Introduction seminar to GitHub and HTML. You are going to learn how to version control your code, so nothing gets lost ever again.

1   GitHub (30 min.)
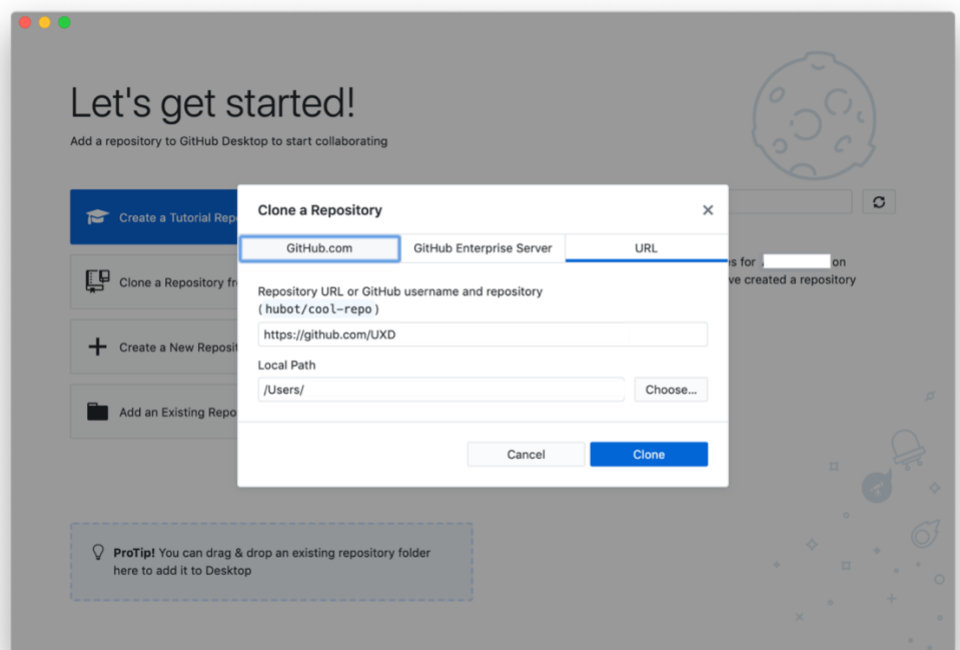
Install GitHub Desktop

1. Create a free account on GitHub.com:
   https://github.com/join

2. Download and install the GitHub Desktop client via:
   https://desktop.github.com

3. Log in your account in Github Desktop and go to the following link:
   https://classroom.github.com/a/6MwVSj6H
   Accept the assignment, and click on the link that is shown

4. Now you're in your online repository for this assignment. Click on the button "Set up in Desktop"
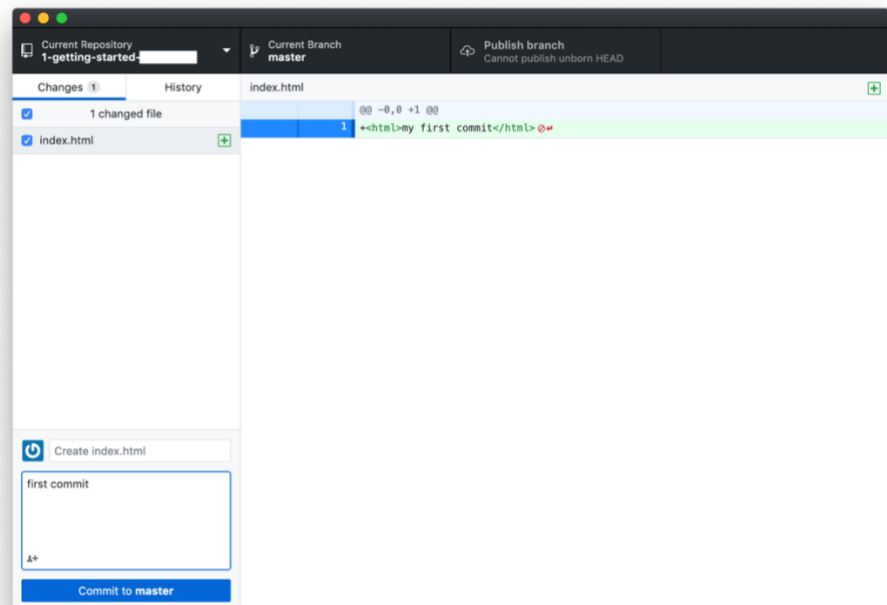

5. You are directed to Github Desktop where you are asked to choose a destination for the repository to be 'cloned'. This means all online files will be synced with a particular folder on your computer. Choose the folder where you will be working on your SkillsLab HTML& CSS assignments, and press Clone.
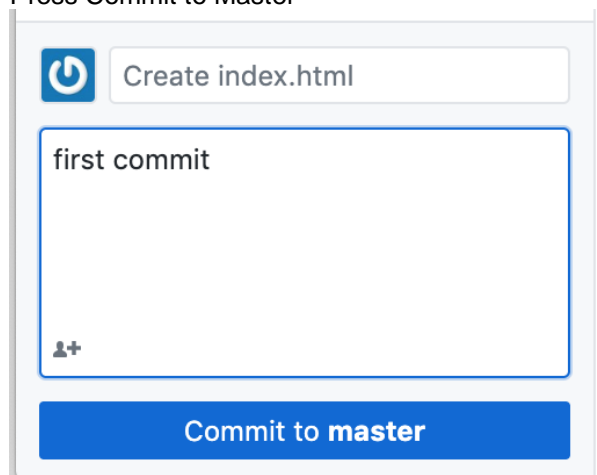
Your first commit

1. In GitHub Desktop, right-click on the assignment in the left column. Choose Open in Finder or Windows Explorer to view the folder on your computer

2. Drop the file you created in assignments 1 & 2 into this folder - if you don't have this file, create an empty html file and write *<html>My first commit</html> and save.*

3. Return to GitHub Desktop

4. You will see there is 1 uncommitted change, and you'll find the file and html content in the panes below.

5. Fill in the field summary with an appropriate description

6. Press Commit to Master

7. Press the button Publish on the top right

8. Yay! You have committed your first file in this repository

9. Right-click again on the assignment in the left column. Choose View on Github and you'll be redirected to your online repository in your browser. Check if the file you just committed is in your online repository.

10. KEEP this folder for now. Please work in this folder when starting the challenge.

2   Introduction to HTML

Please go to the following LinkedIn course:
https://www.linkedin.com/learning/html-essential-training/welcome?u=2167265

Before starting with your first challenge, you need to learn the basics of HTML. Today we will dive into the wonderful world of sematic HTML by following some specific videos and links online. Together we will live code during this session, feel free to join us and code with us on your own computer.

We will be working from the knowledge gained from chapter 1,2,3,4,5,6. We urge you to look at the these videos after class yourself for extra reference and information. This seminar is meant to be interactive, so please feel free to interrupt when you have a question. Also let us know when you think our lesson is going to quickly.

Today you will learn about:
- the head and body
- content models
- headings
- paragraphs
- line breaks
- images
- emphasis
- special characters
- links and navigation
- structure

Seminar reference:

1. Your first HTML document (8:42)
   https://www.linkedin.com/learning/html-essential-training/basic-html-syntax?u=2167265

2. The document head (6:11)
   https://www.linkedin.com/learning/html-essential-training/the-document-head?u=2167265

3. The document body (3:58)
   https://www.linkedin.com/learning/html-essential-training/the-document-body?u=2167265

4. Block, inline, etc? (until 2:29)
   https://www.linkedin.com/learning/html-essential-training/understanding-content-models?u=2167265

   Interactive chart:
   https://html.spec.whatwg.org/multipage/dom.html#kinds-of-content

5. Headings (7:50)
   https://www.linkedin.com/learning/html-essential-training/using-headings?u=2167265

6. Paragraphs (5:35)
   https://www.linkedin.com/learning/html-essential-training/formatting-paragraphs?u=2167265

7. Line breaks (and self-closing of tags) (5:35)
   https://www.linkedin.com/learning/html-essential-training/controlling-line-breaks?u=2167265

8. Bold or Strong tags? (6:54)
   https://www.linkedin.com/learning/html-essential-training/emphasizing-text?u=2167265

Special chars + white space
https://www.degraeve.com/reference/specialcharacters.php

9. Images (7:08)
https://www.linkedin.com/learning/html-essential-training/displaying-images?u=2167265

10. Structuring content (5:32)
https://www.linkedin.com/learning/html-essential-training/the-nav-element?u=2167265

11. Creating links (10:21)
https://www.linkedin.com/learning/html-essential-training/linking-to-pages-within-your-site?u=2167265

12. Creating lists (6:05)
https://www.linkedin.com/learning/html-essential-training/unordered-lists?u=2167265