

# p5 My Webpage

**Due** Aug 8 by 11:59pm    **Points** 30    **Submitting** a website url

**Available** Jul 27 at 12am - Aug 8 at 11:59pm 13 days

This assignment was locked Aug 8 at 11:59pm.

Please seek help from each other as best you can and credit any JS code you get from other sources.

[Learning Outcomes p5](#)

**UPDATE: PLEASE MAKE SURE YOU SUBMIT A *LINK TO YOUR GIST* THAT CONTAINS YOUR WEBPAGE, NOT A LINK TO THE PREVIEW OR CS HOMEPAGE. WE WON'T BE ABLE TO GRADE YOUR SUBMISSION OTHERWISE.**

## 1. Create a Basic Webpage

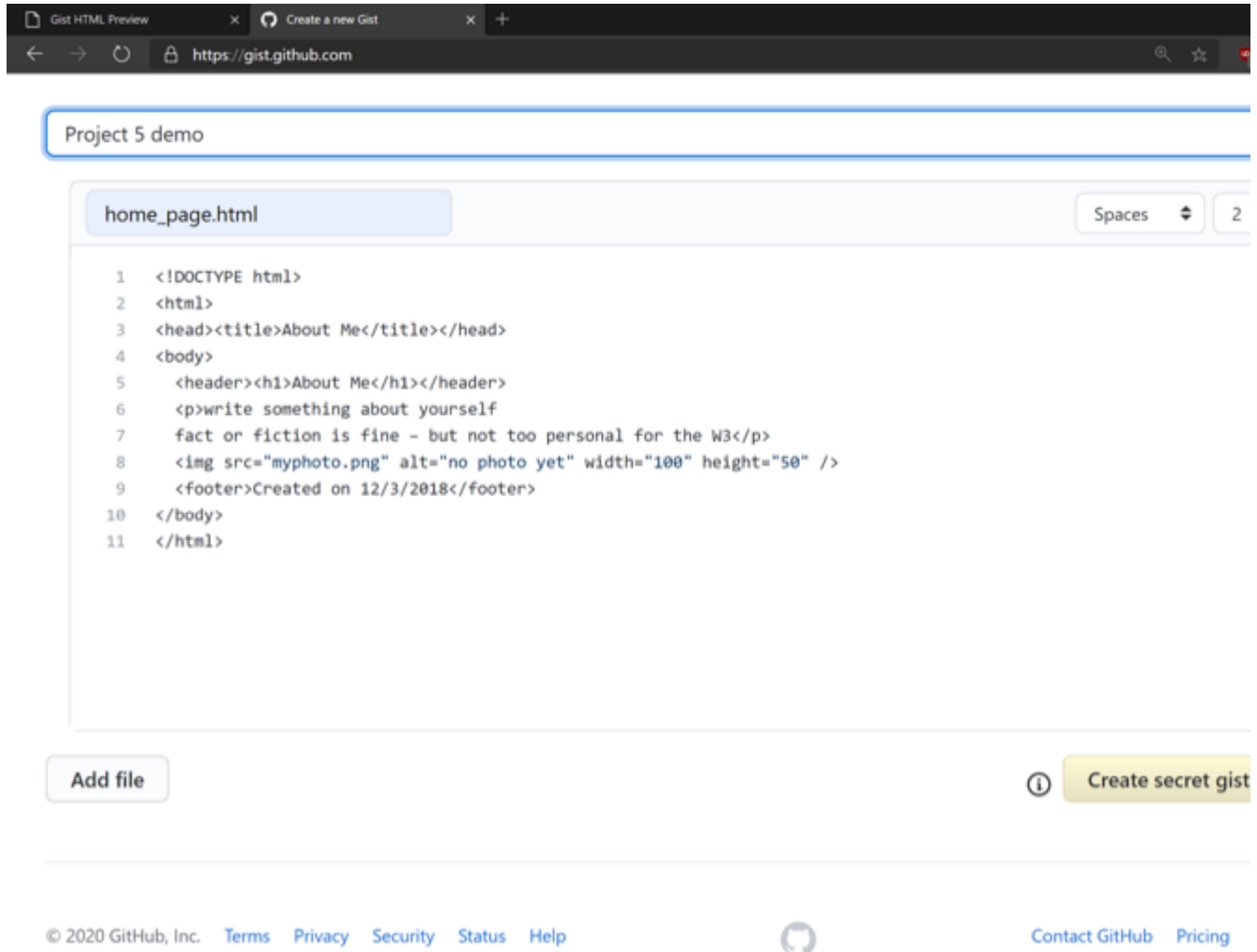
1. Create a Github account at <https://github.com/join> [\\_ \(https://github.com/join\)](https://github.com/join) and login. Tip: You can get the student pack when using your UW email, which will give you unlimited free private repositories.
2. Go to <https://gist.github.com/> [\\_ \(https://gist.github.com/\)](https://gist.github.com/)  
You will be creating a GitHub Gist for your homepage. GitHub Gists are small, special kinds of GitHub repositories that make editing your code and other files through a web interface, and sharing those projects with others on the web easy. You can use GitHub's online interface to work on your webpage online, or your favorite git client to clone it to a local repository and push back your local changes to GitHub.
3. Name the new file *home\_page.html* and type in the following HTML:

```
<!DOCTYPE html>

<html>
<head><title>About Me</title></head>
<body>
  <header><h1>About Me</h1></header>
  <p>write something about yourself
  fact or fiction is fine - but not too personal for the W3</p>
  
```

```
<footer>Created on 12/3/2018</footer>
</body>
</html>
```

4. Click on **Create secret gist** button, as shown below



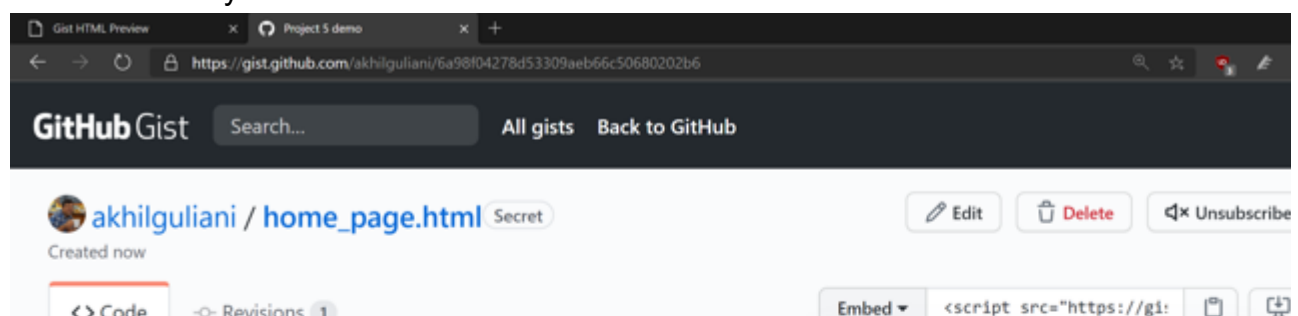
5. To view your web page from the internet (with your web browser)

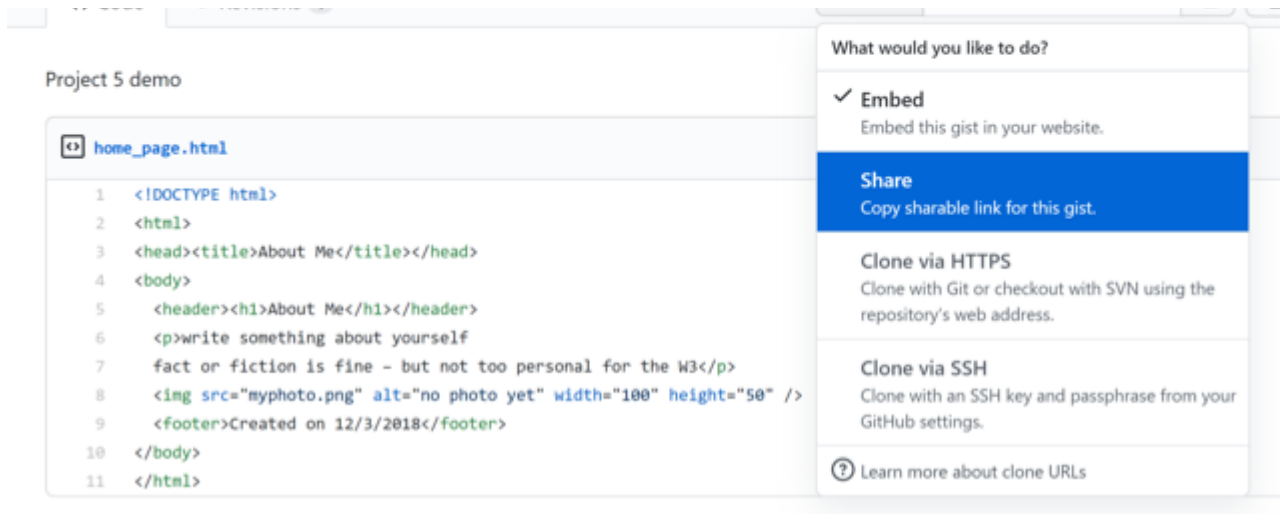
1. Copy the shareable link for the gist. It will look something like this:

<https://gist.github.com/<github-Id>/a6b778e81623b0e2eb92bb0f8afead71>  
<https://gist.github.com/%3cgithub-Id%3e/a6b778e81623b0e2eb92bb0f8afead71>

The number in the link above **highlighted in bold** is the gist-id. Note it down, you will

need it to view your website.





2. To view your website, we are going to use the gist preview tool (<https://gistpreview.github.io/>), that renders websites from GitHub GISTs.

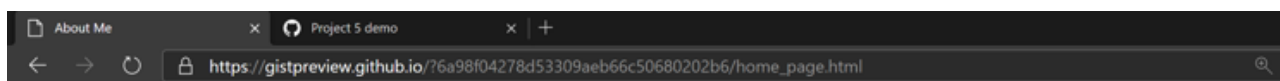


## Gist HTML Preview

If File Name is empty, it will preview index.html or the first default.

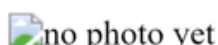
[https://gistpreview.github.io/?](https://gistpreview.github.io/?a6b778e81623b0e2eb92bb/home_page.html)  /

Enter the gist-id and file name (home\_page.html) and click on submit. You should now be seeing your website



## About Me

write something about yourself fact or fiction is fine – but not too personal for the W3



Created on 12/3/2018

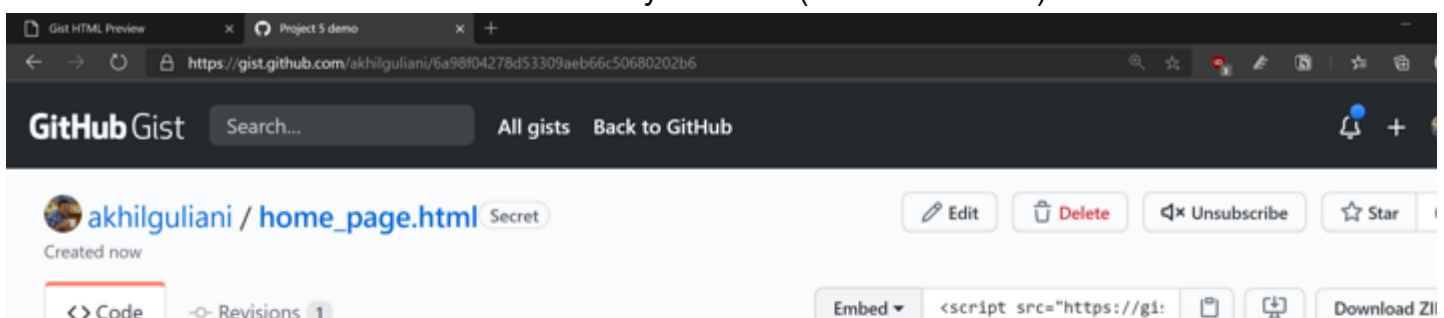
**UPDATE 08/03: gistpreview does not support external files well (it will have trouble displaying images in the HTML and css and javascript in external files won't work). An alternative is the platform blocks: <http://bl.ocks.org> (<http://bl.ocks.org>). You can create a preview of your webpage by creating the link: [http://bl.ocks.org/\[git username\]/\[gist id\]](http://bl.ocks.org/[git username]/[gist id]). Replace [git username] with your username and [gist id] with the id of your gist (the number highlighted above).**

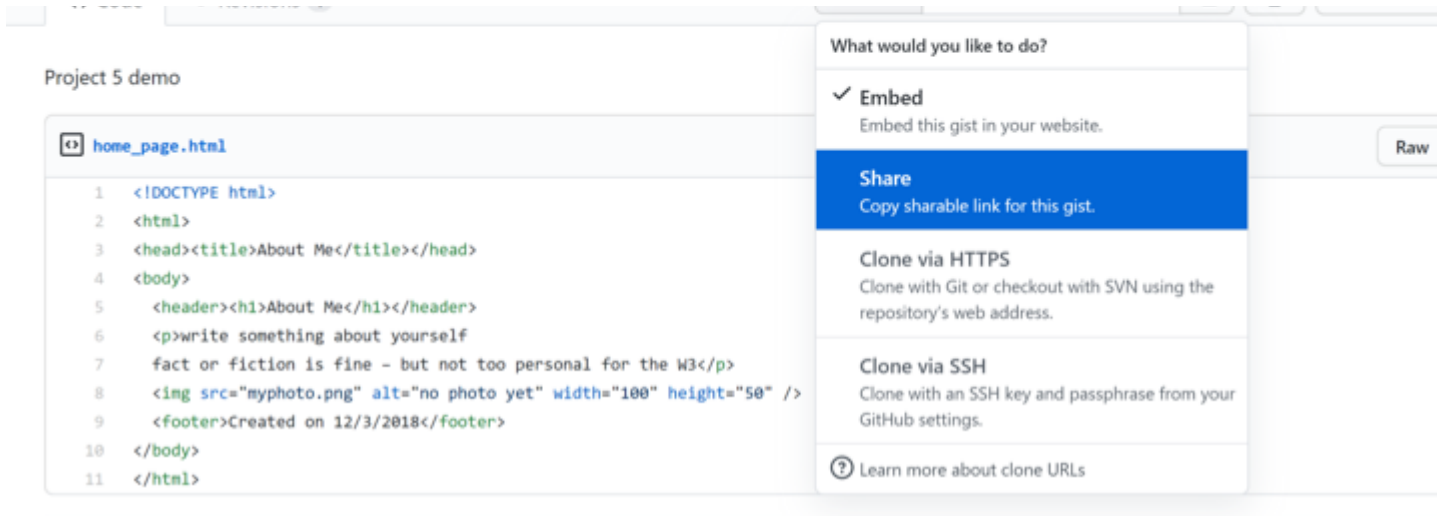
## 2. Add Additional Items to Your Homepage

1. Add the following via HTML and / or JS to your **home\_page.html** page:
  1. a header with the course number, CS400
  2. a footer with your hometown or favorite or least favorite town
  3. a list of favorites or least favorite things
  4. an image (png or jpg)
2. After completing the above, add the following to your project:
  1. a table
  2. a link to another page (either one you create or another on the internet)
3. After completing the above
  1. add a button named "CHANGE" that the user can click.
  2. **Add some JavaScript to the button so that the button label changes with each click of the button. The JavaScript can be inline in the html, or in an externally linked file.**

## 3. Submit

- You will submit the shareable URL link to your GIST (as shown below) to Canvas.





- Paste the sharable link into the URL submission field on Canvas (1), and click the submit button (2).

- **MAKE SURE THAT ALL FILES NEEDED FOR YOU WEBPAGE ARE STORED IN YOUR GitHub GIST**

## 4. Hosting as CS Webpage on the Department Server (optional)

1. [Remote connect](#) to *best-linux.cs.wisc.edu*
2. Clone your Github gist into you CS hosting space. In your CS home directory do the following:

```
mkdir -p ~/public/html
fs sa ~/public/html host:www read
fs sa ~/public/html system:anyuser read
cd ~/public/html
git clone <gist clone website for github> demo
cd demo
ls
```

3. You should be able to see all your website files from your GIST
4. View your web page from your web browser:

1. Launch your web browser

2. Go to [http://pages.cs.wisc.edu/~cslogin/demo/home\\_page.html](http://pages.cs.wisc.edu/~cslogin/demo/home_page.html) (replace *cslogin* with your CS login. Do not remove the tilde ~ character, which is needed to access the alias)
5. To update your changes from the GIST run the following command in the demo folder:

```
git pull
```

## GitHub Gist Webpage

| Criteria   | Ratings               |  |   | Pts     |
|--|-----------------------|--|---|---------|
| <p>Created a personal webpage as a GitHub Gist</p> <p>Student created their own website without using third party page builders.</p> <p>Page is accessible on GitHub and the Gist can be viewed as a webpage with the Gist HTML viewer.</p>                                | 6.0 pts<br>Full Marks | 3.0 pts<br>Missing or incorrect code<br>Web page does not show up  | 0.0 pts<br>No Marks<br>Used a third-party page builder or code is not accessible. | 6.0 pts |
| <p>Page (h1) Heading (optional) and Title</p> <p>The page has a h1 heading and the home page's title is set.</p>   | 2.0 pts<br>Full Marks | 1.0 pts<br>Missing or incorrect code<br>Page is missing a heading or the page's title is not set and                 | 0.0 pts<br>No Marks   | 2.0 pts |
| <p>Image</p> <p>The page has at least one image showing with an alt text.</p>  | 4.0 pts<br>Full Marks | 2.0 pts<br>Missing alt text<br>image does not display or alt tag is missing  | 0.0 pts<br>No Marks   | 4.0 pts |
| <p>H2, List, or CSS</p> <p>There is a sub-heading, list, or uses CSS.</p>  | 4.0 pts<br>Full Marks | 0.0 pts<br>No Marks  |   | 4.0 pts |
| <p>Header Footer</p> <p>There is a header and footer section in the web page.</p>  | 4.0 pts<br>Full Marks | 2.0 pts<br>Missing or incorrect code<br>Missing the header or footer element.  | 0.0 pts<br>No Marks   | 4.0 pts |
| <p>Button or other JavaScript</p> <p>There is a Button that changes when it is clicked or there is some other UI interface element that does something using JavaScript. This element may be copied from internet if there is a link to the sources of the JavaScript.</p> | 6.0 pts<br>Full Marks | 3.0 pts<br>Missing or incorrect code<br>There is a user interface control, but there is no JavaScript functionality. | 0.0 pts<br>No Marks   | 6.0 pts |

| Criteria   | Ratings  |   |  | Pts            |
|--|--|---|--|----------------|
| <p>Page Link to another</p> <p>The page links to another html page in the same Gist or to an external URL on the Internet. The user can use "back" on their browser to return back to home page.</p> | <p><b>4.0 pts</b><br/><b>Full</b><br/><b>Marks</b></p> | <p><b>2.0 pts</b><br/><b>Missing or</b><br/><b>incorrect code</b></p> <p>There is a link to another page, but that page does not have a link back to the home page.</p> | <p><b>0.0 pts</b><br/><b>No</b><br/><b>Marks</b></p> | <p>4.0 pts</p> |
| Total Points: 30.0   |  |   |  |                |