



# Introduction to HTML

A quick reference guide to complete the steps in the course.

<https://lab.github.com/courses/introduction-to-html/>

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## 1. Turn on GitHub Pages

- 1.1. Under your repository name, click **Settings**.
- 1.2. In the **GitHub Pages** section, use the **Select source** drop-down menu to select ``master`` as your GitHub Pages publishing source.
- 1.3. Click **Save**.

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## 2. Open a pull request

- 2.1. Create a pull request. Go to the **Code** tab, click on **New Pull Request**, select **base: master**, and **compare: add-index**.
- 2.2. Add a descriptive title to your pull request, something like "Add the index.html file".
- 2.3. Add a descriptive body to your pull request.
- 2.4. Click **Create pull request**.

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## 3. Build the HTML document structure

- 3.1. Click on **Files Changed** to see the newly added ``index.html`` file.
  - 3.2. Click on the pencil to edit the file.
  - 3.3. Before the existing content, add an opening `<html>` tag, and an opening `<body>` tag.
  - 3.4. After the existing content, add a closing `</body>` tag, and a closing `</html>` tag.
  - 3.5. In the *Commit changes* section, enter a commit message that describes what you've done.
  - 3.6. Ensure you've selected *Commit directly to the `add-index` branch*.
  - 3.7. Click on **Commit changes**.
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## 4. Add a title tag

- 4.1. Click on **Files Changed**.
- 4.2. Click on the pencil to edit the file.
- 4.3. Place an opening ``<head>`` tag and an opening ``<title>`` tag after the first opening ``<html>`` tag, but before the ``<body>`` tag.
- 4.4. Write out a title after the opening ``<title>`` tag.
- 4.5. Place a closing ``</title>`` tag and a closing ``</head>`` tag after your new title, but before the ``<body>`` tag.
- 4.6. In the *Commit changes* section, enter a commit message that describes what you've done.
- 4.7. Ensure you've selected *Commit directly to the `add-index` branch*.
- 4.8. Click on **Commit changes**.

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## 5. Merge your first Pull Request

- 5.1. Click on **Merge pull request** below.
- 5.2. Click on **Confirm merge**.
- 5.3. Click on **Delete branch**.

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## 6. Change your username to an h1 tag

- 6.1. Edit the ``index.html`` file in your master branch by going to the **Code** tab, clicking on the ``index.html`` file, and clicking the pencil icon to edit the HTML.
- 6.2. Between the body tags, add an opening ``<h1>`` tag, some content for the header, and a closing ``</h1>`` tag.
- 6.3. In the *Commit changes* section, enter a commit message that describes what you've done.
- 6.4. Ensure you've selected *Create a new branch for this commit and start a pull request*.
- 6.5. Give your branch a descriptive name, like ``add-headers-and-images``.
- 6.6. Click on **Propose file change**.
- 6.7. Give your pull request a title, and a comment.
- 6.8. Click on **Create pull request**.

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## 7. Add an image

- 7.1. Click on **Files Changed**.
- 7.2. Click on the pencil to edit the file.
- 7.3. Place an opening ``<img>`` tag between the body tags. Reminder: you don't need to close an ``<img>`` tag!
- 7.4. Set the ``src`` attribute to the image you would like to display. You can use your GitHub profile picture.
- 7.5. In the *Commit changes* section, enter a commit message that describes what you've done.
- 7.6. Click on **Commit changes**.

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## 8. Merge your second Pull Request

- 8.1. Click on **Merge pull request** below.
- 8.2. Click on **Confirm merge**.
- 8.3. Click on **Delete branch**.

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## 9. Create a list

- 9.1. Edit the ``index.html`` file in your master branch by going to the **Code** tab, clicking on the ``index.html`` file, clicking the pencil to edit the HTML.
  - 9.2. Inside the body tag, create a list, either ordered or unordered, of your favorite sites on the internet.
  - 9.3. In the *Commit changes* section, enter a commit message that describes what you've done.
  - 9.4. Ensure you've selected *Create a new branch for this commit and start a pull request*.
  - 9.5. Give your branch a descriptive name, like ``add-links-and-lists``.
  - 9.6. Click on **Commit changes**.
  - 9.7. Give your pull request a title, and a comment.
  - 9.8. Click on **Create pull request**.
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## 10. Add links

- 10.1. Click on **Files Changed**.
- 10.2. Click on the pencil icon to edit the file.
- 10.3. In the list you just created, add a link to each of your favorite sites to their respective URLs. You can do this by adding an opening anchor tag `` tag with `href` attribute with your favorite site's URL, the name of the site inside the anchor tag, and a closing anchor `` tag. Here is an example of a list item with a link:

```
<li>  
  <a href="https://github.com">This is a link to GitHub!</a>  
</li>
```

- 10.4. In the *Commit changes* section, enter a commit message that describes what you've done.
- 10.5. Click on **Commit changes**.

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## 11. Merge your third Pull Request

- 11.1. Click on **Merge pull request** below.
- 11.2. Click on **Confirm merge**.
- 11.3. Click on **Delete branch**.

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## 12. Make it beautiful

- 12.1. Edit the `index.html` file in your add-style branch by going to the **Code** tab, changing your branch to `add-style`, clicking on the `index.html` file, and clicking the pencil icon to edit the HTML.
- 12.2. Between the `` tags, add the following ``.
- 12.3. In the *Commit changes* section, enter a commit message that describes what you've done.
- 12.4. Click on **Commit changes**.

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## 13. Merge the final Pull Request

- 13.1. Click on **Merge pull request** below.
  - 13.2. Click on **Confirm merge**.
  - 13.3. Click on **Delete branch**.
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