Rendering the Website
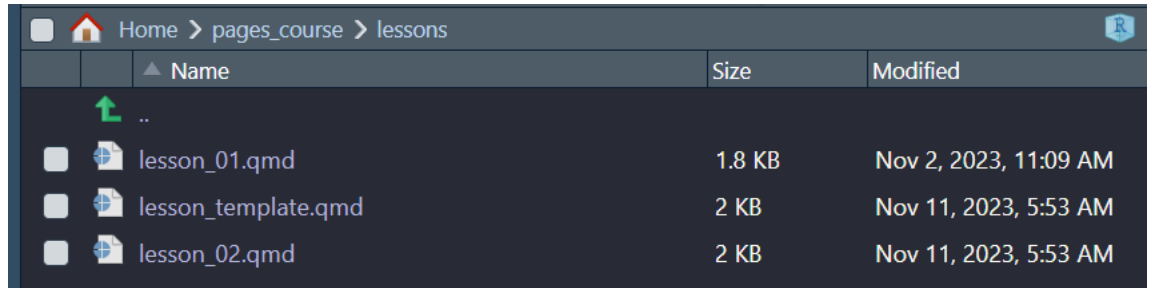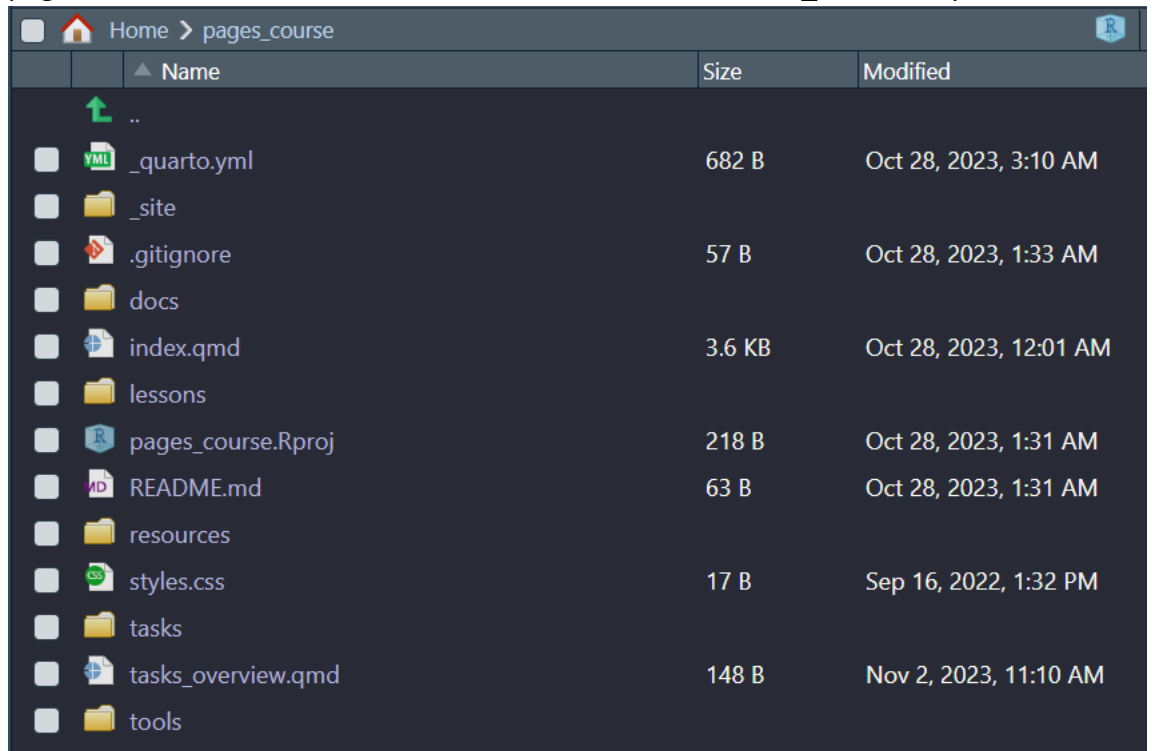
After adding a new qmd file to the repo it won't show up on the website until you link to it from another file connected to the index.qmd file. We will quickly go over how to properly do that here.

1. Let's say we created a new lesson called "lesson_02.qmd" in a subdirectory called "lessons".

2. To have the website link to this new page you would have to add it as a tab in the "_quarto.yml" document in the root directory or add it as a link on an existing page. In this case we would want to add the link to the "tasks_overview.qmd".

3. In the "tasks_overview.qmd" file you will see something like the following. Notice that it currently links to lesson 01.

```
1  ---
2  title: "Course Tasks"
3  ---
4
5  # Task 1 - Creating Your GitHub Account
6
7  Creating your GitHub account
8
9  -    [Details](lessons/lesson_01.qmd)
10
```

4. Add in some markdown explaining what your lesson does and then add a link to that file starting from the root directory. When quarto renders the site, it will know how to link to that page on the backend.

```
1  ---
2  title: "Course Tasks"
3  ---
4
5  # Task 1 - Creating Your GitHub Account
6
7  Creating your GitHub account
8
9  -    [Details](lessons/lesson_01.qmd)
10
11 # Task 2 - Creating a Profile Page
12
13  In this lesson you will learn the fundamentals of editing your github landing page using a
    language called "markdown" so that professionals can find you.
14  -    [Details](lessons/lesson_02.qmd)
```

5. For this next step you must have quarto installe. You can download quarto here: https://quarto.org/docs/download/. Some people outside the USA have had a hard time getting it downloaded from the main site. You can resolve this by using a VPN or reaching out to a friend from the US to directly send you the installer.

6. With quarto installed, open a terminal with your root directory set to the root of the pages site. (Note: this should not be an R terminal or any other language's terminal) type `quarto render` and quarto will parse all of the files in the

directory to render the necessary pages as HTML.

```
ebj80@Eli-Surface-4 MINGW64 /c/Users/ebj80/Documents/pages_course (main)
$ quarto render
[ 1/10] index.qmd
[ 2/10] lessons\lesson_01.qmd
[ 3/10] lessons\lesson_02.qmd
[ 4/10] lessons\lesson_template.qmd
[ 5/10] tasks\task_01.qmd
WARNING: Unable to resolve link target: tasks\r_installation.qmd
WARNING: Unable to resolve link target: tasks\r_studio.qmd
WARNING: Unable to resolve link target: tasks\git_installation.qmd
[ 6/10] tasks_overview.qmd
[ 7/10] tools\github_setup.qmd
[ 8/10] tools\git_installation.qmd
[ 9/10] tools\r_installation.qmd
```

7. You can then view the site by opening the "index.html" file inside of the "docs" folder.