

LIBRARIES, TOOLS & WORKFLOW CRN415081-0029401

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### Exercise #4: Next.js initialization, page modularization, and GitHub Pages deployment

Instructions

Challenges

Sample submission

Testing/recordings

Remarks

Preparation

Deliverables

Evaluation

Instructions

Using the provided HTML page as a starting point, experiment with (1) splitting up a traditional HTML page from scratch, (2) modularizing the page into reusable components, and (3) deploying to GitHub Pages.

Sample submission

- <https://github.com/chr4g1ts/learn-2025-04>
- <https://chr4g1ts.github.io/learn-2025-04/>

Testing/recordings

<https://youtu.be/g702v7Bn020>

Remarks

Help and feedback is provided in this page from our mentors. Do you think you can convert this work to React/Next.js and share the repo with us? It would be great to see if you can test deployment as well!

Preparation

- Next.js
  - <https://nextjs.org/next/getting-started/tutorial/tutorial#initialization>
  - <https://nextjs.org/next/getting-started/tutorial/tutorial#deployment>
- Adding GitHub Pages
  - <https://github.com/pages/githubpages>
  - Sample project: <https://codeacademy.github.io/learn-2025-04/>

Deliverables

- Required:** Public URL of the GitHub Pages website or the GitHub repository.
- Required:** Accompanying discussion topics (wordily 50 to 100 words) including your experience: what was challenging? what did you find fascinating? where did you struggle with? First submission?

Evaluation

3% assigned per valid submission

This exercise is designed for conceptual exploration and experimentation, but will be subject to potential penalty based on submission timing, presence of incomplete discussion, and quality of submission entry.

**Due date**

October 15, 2024 at 15:00PM

*If not enough of 3%, you will get a 0.5% of the first grade for late submission!*

Submissions

Booted up demo (2025-04-13) (github.io)

Oct 9, 2024 2:59 PM

<https://2025-04-13-030.github.io/learn-2025-04/>

Pages

Booted up demo (2025-04-13) (github.io) (learn-2025-04)

Oct 14, 2024 4:09 PM

Repository

<https://github.com/2025-04-13-030/learn-2025-04/>

(1) What was challenging?

Use coding experience for a page with this page design. Was learning about the browser to help them even any errors.

(2) What did you find fascinating?

Steps are simpler and in one place and inside GitHub. One action from the browser to help them with in the year 2020.

(3) Where else would you apply these techniques?

Last year I learned to do a general content that updates the page and updates the content using next.js and is all depending on the browser. When I did that I was confused for next.js on GitHub pages and another I was being good there. However in comparison (like based on second) conditions that do not apply to all.

Thanks

Test Submission

Feedback

5 / 5 100 %

Feedback

ED: Thanks you for the follow-up!

Great work, but I would like to see some personal reflections. Happy to remove the deduction upon your follow-up.

[Go back to feedbacks](#)

Activity Desk

✓ VM6 done! You have completed the assignment

Assignment

5 / 5 100 %

VM6 Done! (14:10:04)

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