

C Programming (W2)



Welcome!!

Please check attendance individually.
(Mobile App)

Reference



The C Programming Language 2nd Edition

[https://seriouscomputerist.atariverse.com/media/pdf/book/C%20Programming%20Language%20-%202nd%20Edition%20\(OCR\).pdf](https://seriouscomputerist.atariverse.com/media/pdf/book/C%20Programming%20Language%20-%202nd%20Edition%20(OCR).pdf)

Any book related to C is fine

Reference



홈페이지(www.booksr.co.kr) 제공

쉽고 재미있는 프로그래밍의 세계로!

프로그램 소스
연습문제와 프로그래밍 문제 출수 해답

- ▶ 다양하고 효과적인 그림으로 내용을 한눈에 이해
- ▶ 문답식의 쉬운 설명과 간결하고 적절한 예제로 쉽고 빠른 이해
- ▶ 흥미 있는 실습 문제와 단계적인 실습으로 체계적인 심화 학습 가능
- ▶ 한눈에 볼 수 있는 프로그램 소스와 소스 설명으로 쉽게 프로그램 이해



C언어 Express (개정4판)

저자 : 천인국

브랜드 : 생능출판사

Any book related to C is fine

Things to do today

01 | Finish development environment

Codespaces (for 004)

02 | Upload folders & files to your github

<https://github.com/prof-kweon/C-Language-Course/blob/main/LectureReference/Howto-github.md>

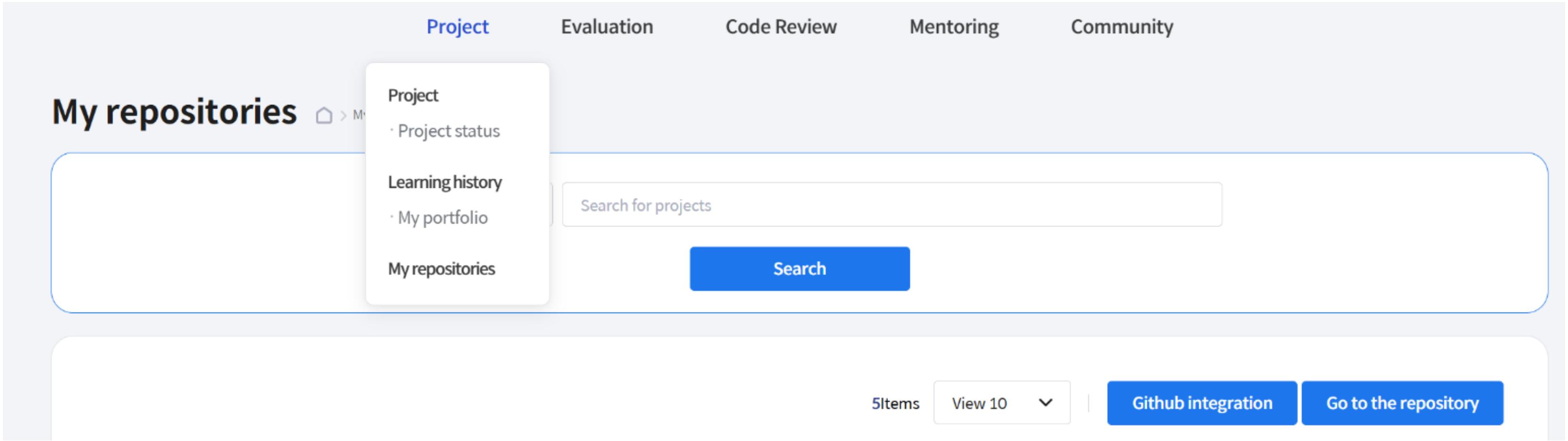
03 | Register Codyssey & A/B group → Weekly schedule

04 | Codyssey (how to evaluate & review)

Connect github to Codyssey

| No | 분야 | 구분 | 프로젝트 명 | 학습 과정 수 | 프로젝트 기간 | 사용여부 | 선발과정 적용여부 | 상세보기 |
|----|-------|------------------|-----------------------|---------|-------------------------|------|-----------|---------------------------|
| 1 | 컴퓨터공학 | C Language | KR 001 C Language PBL | 10 | 2025-03-04 ~ 2025-07-31 | 사용 | - | 상세보기 > |
| 2 | 컴퓨터공학 | C Language(EN G) | EN 004 C Language PBL | 10 | 2025-02-21 ~ 2025-07-01 | 사용 | - | 상세보기 > |
| 3 | 컴퓨터공학 | C Language(EN G) | EN 003 C Language PBL | 10 | 2025-02-21 ~ 2025-07-31 | 사용 | - | 상세보기 > |
| 4 | 컴퓨터공학 | C Language(EN G) | EN 002 C Language PBL | 10 | 2025-02-21 ~ 2025-07-31 | 사용 | - | 상세보기 > |

Connect github to Codyssey

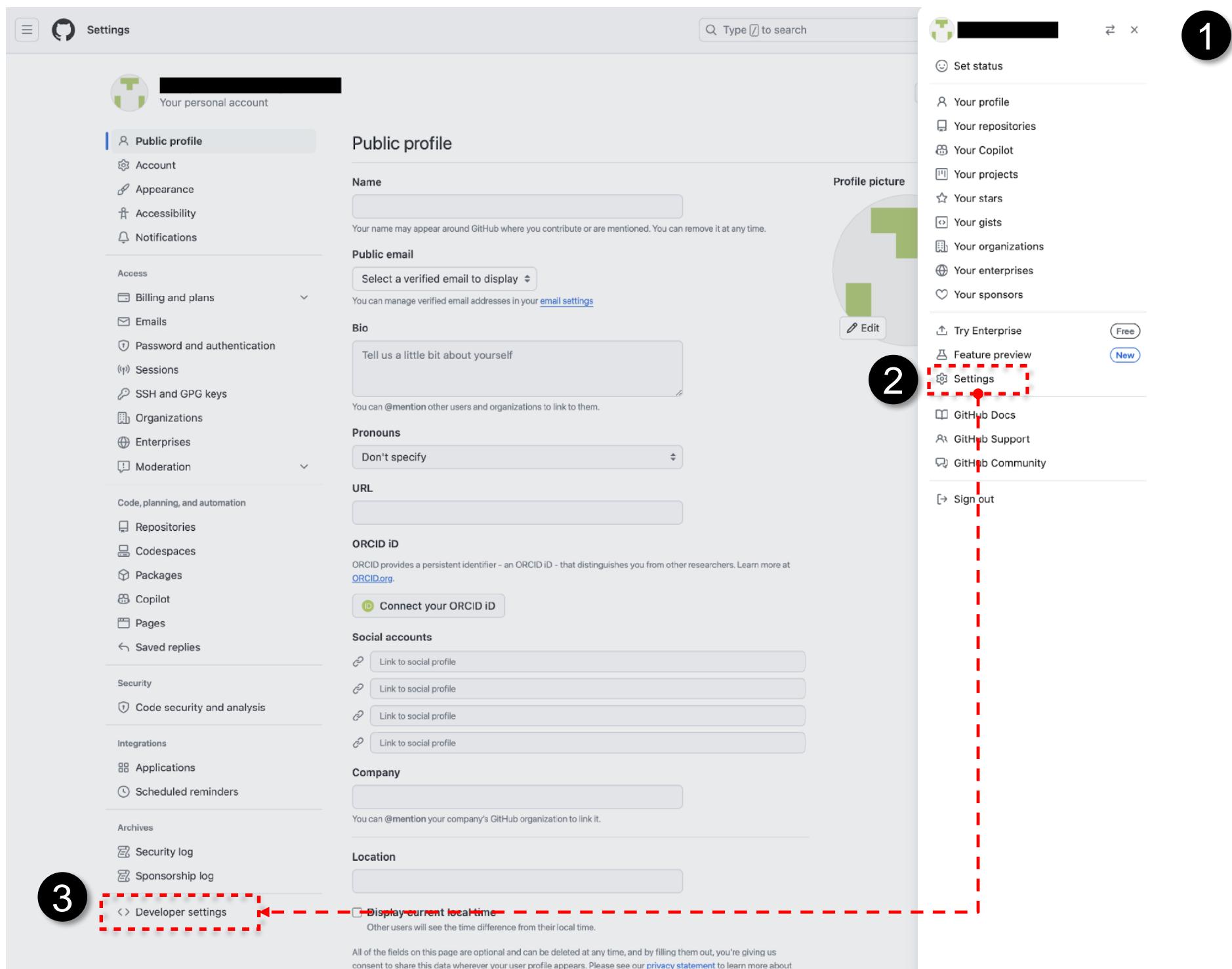


The screenshot shows the Codyssey platform interface. At the top, there is a navigation bar with tabs: Project (which is active), Evaluation, Code Review, Mentoring, and Community. Below the navigation bar, the main content area has a title "My repositories". On the left, there is a sidebar with three sections: "Project" (with "Project status"), "Learning history" (with "My portfolio"), and "My repositories". A "Search for projects" input field and a "Search" button are also present. At the bottom right of the main content area, there are buttons for "Github integration" and "Go to the repository". The footer of the page includes the text "miricanvas.com" and "5Items View 10 ▾".

C) Connecting with Codyssey

C) Connecting with Codyssey

- 1) You can issue a token to connect Codyssey with GitHub.

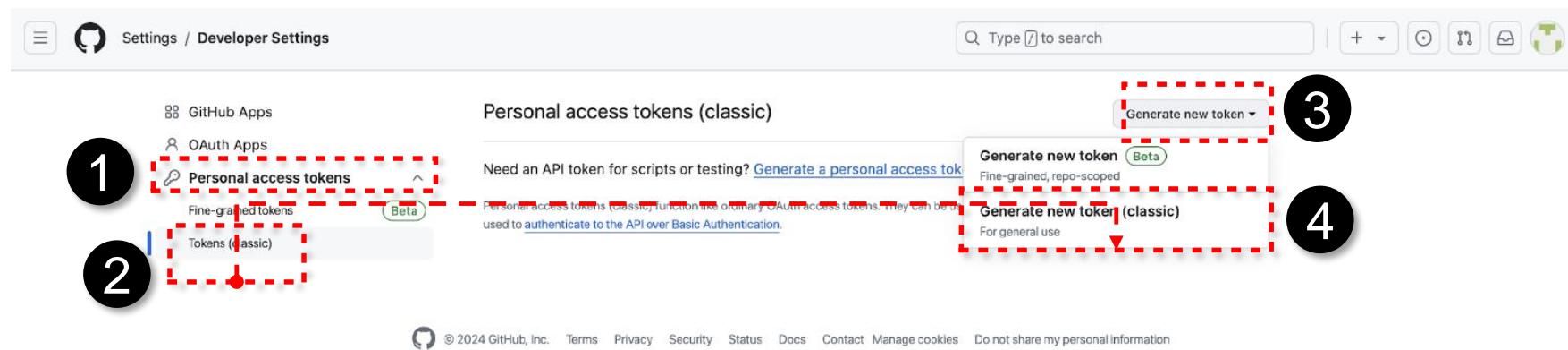


- 1 Go to <https://github.com>. Log in with your personal GitHub account and click your profile at the top-right corner.
- 2 Click the [Settings] button. This will take you to a screen like the one shown.
- 3 Click the [Developer settings] button at the very bottom of the screen.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 2) You can generate a GitHub token.

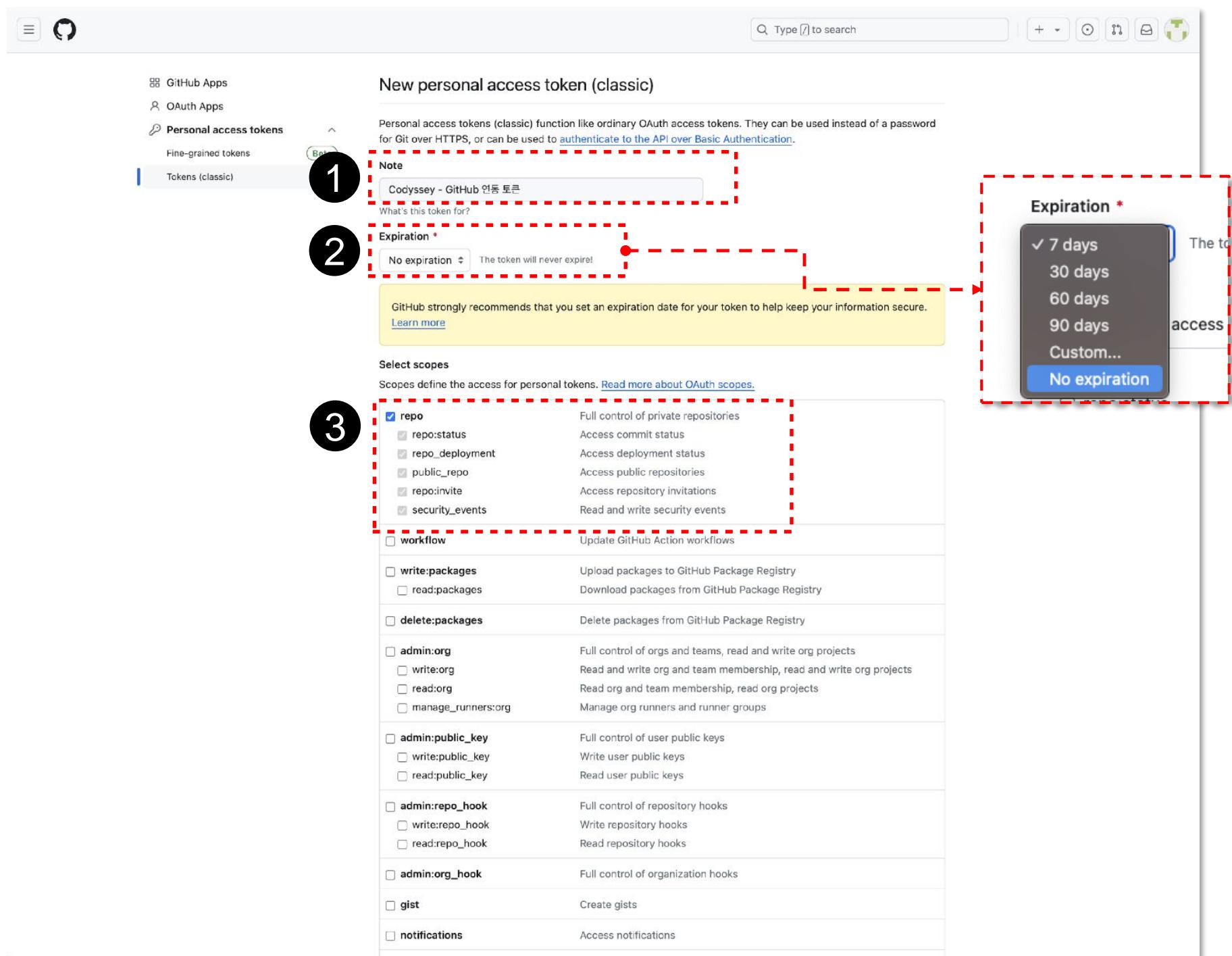


- 1 Click [Personal access tokens].
- 2 Click [Tokens (classic)].
- 3 Click [Generate new token] to open the dropdown menu.
- 4 Click [Generate new token (classic)] to navigate to the GitHub token generation page.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 2) You can generate a GitHub token.



- 1 In [Note], write a title for the token.
e.g., Codyssey-GitHub Connection Token
- 2 [Expiration] is the field where you set the token's expiration date.
Set the expiration date to [No Expiration].
- 3 Select the [repo] checkbox and scroll to the bottom of the page.

★ If there are restrictions on the expiration date, it may cause issues when using the Codyssey platform.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 2) You can generate a GitHub token.

The screenshot shows the GitHub API token generation interface. It displays a list of scopes, each with a checkbox and a detailed description of its permissions. A large green button at the bottom labeled 'Generate token' is highlighted with a red dashed box and a circled '1' above it, indicating the step to click. The rest of the interface is standard, with GitHub's footer navigation at the bottom.

| | |
|---|--|
| <input type="checkbox"/> admin:public_key | Full control of user public keys Write user public keys Read user public keys |
| <input type="checkbox"/> admin:repo_hook | Full control of repository hooks Write repository hooks Read repository hooks |
| <input type="checkbox"/> admin:org_hook | Full control of organization hooks |
| <input type="checkbox"/> gist | Create gists |
| <input type="checkbox"/> notifications | Access notifications |
| <input type="checkbox"/> user | Update ALL user data Read ALL user profile data Access user email addresses (read-only) Follow and unfollow users |
| <input type="checkbox"/> delete_repo | Delete repositories |
| <input type="checkbox"/> write:discussion | Read and write team discussions Read team discussions |
| <input type="checkbox"/> admin:enterprise | Full control of enterprises Manage enterprise runners and runner groups Read and write enterprise billing data Read enterprise profile data |
| <input type="checkbox"/> audit_log | Full control of audit log Read access of audit log |
| <input type="checkbox"/> codespace | Full control of codespaces Ability to create, read, update, and delete codespace secrets |
| <input type="checkbox"/> copilot | Full control of GitHub Copilot settings and seat assignments View and edit Copilot Business seat assignments |
| <input type="checkbox"/> project | Full control of projects Read access of projects |
| <input type="checkbox"/> admin:gpg_key | Full control of public user GPG keys Write public user GPG keys Read public user GPG keys |
| <input type="checkbox"/> admin:ssh_signing_key | Full control of public user SSH signing keys Write public user SSH signing keys Read public user SSH signing keys |

1 Generate token Cancel

© 2024 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information

- 1 Scroll to the bottom of the page and click the **[Generate token]** button to issue the token.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 2) You can generate a GitHub token.

The screenshot shows the GitHub Developer Settings page with the 'Personal access tokens (classic)' tab selected. A message at the top states: 'Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.' Below this, there's a note: 'Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).'. A callout bubble with the number '1' highlights the first token listed, which is a long string of uppercase letters and numbers: 'ABCDEFGHijklmnOPQRstuVwxyz123456789'. This token is enclosed in a red dashed box.

- 1 Copy the [token] and proceed to the Codyssey platform.

★ Since the issued token is displayed only once, it is recommended to either make a note of it or configure it immediately.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 3) In [My Repositories], you can check the GitHub connection and view your repositories.

The screenshot shows the Codyssey Learner Portal Overview page. A red dashed box highlights the 'Project' menu item, which is expanded to show 'Project status', 'Learning history', 'My portfolio', and 'My repositories'. The 'My repositories' option is also highlighted with a red dashed box. The main content area displays a weekly schedule from February 17 to February 23, 2025. On the left, there are sections for Projects (Apply 0, Learning 1, Completed 2), Mentoring (Request 1, Upcoming 1, Completed 1), and Code Review (Be Request 1, Request 2, Completed 2).

- 1 Go to Project History > My Repositories.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 3) In [My Repositories], you can check the GitHub connection and view your repositories.

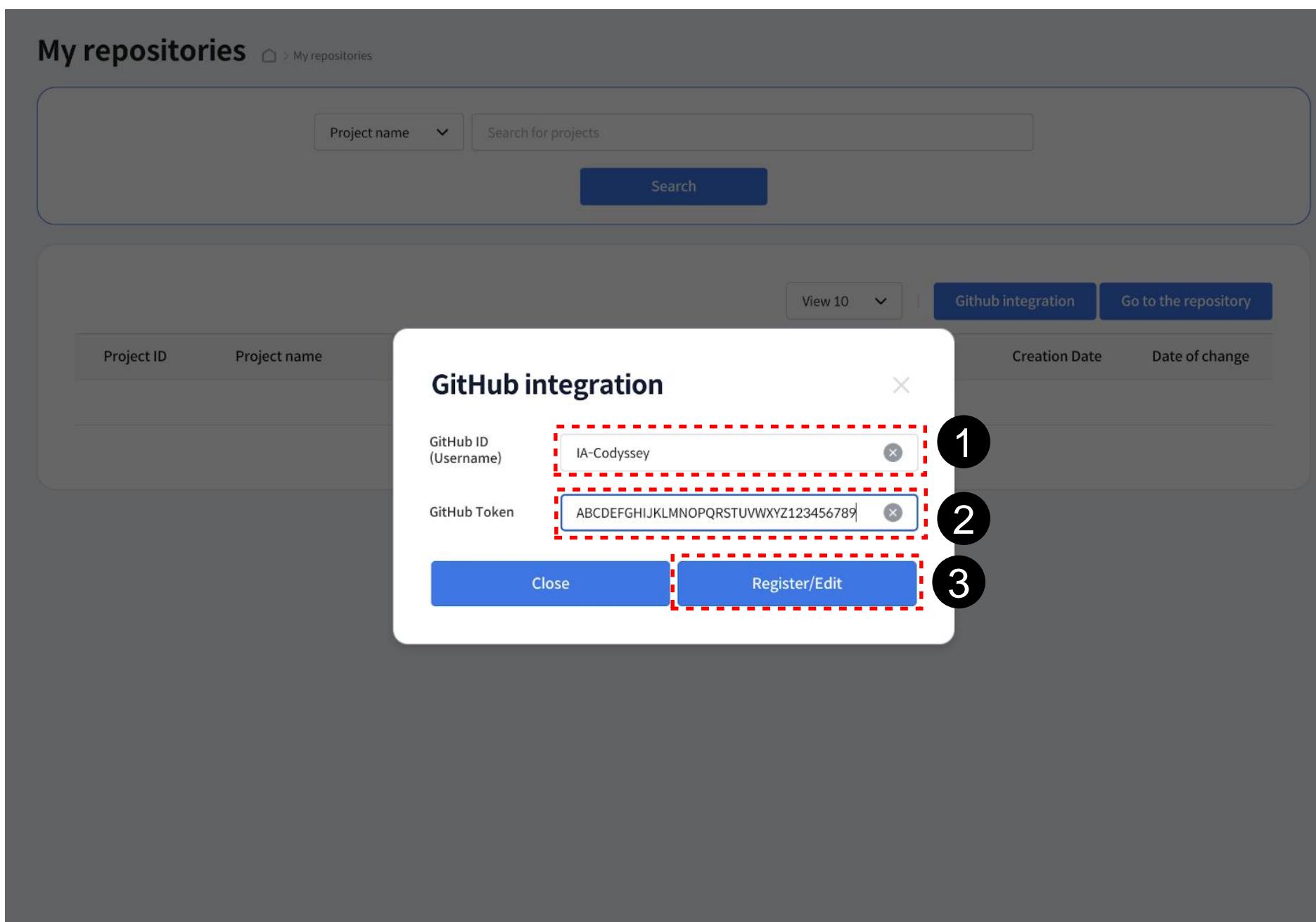
The screenshot shows the Codyssey platform's 'My repositories' page. At the top, there is a navigation bar with links for Project, Evaluation, Code Review, Mentoring, and Community. On the right, there is a user profile section with a profile picture, the name '이노베이션 아카데미', and the word 'Learner'. Below the navigation bar, the page title is 'My repositories' with a breadcrumb link 'My repositories'. There is a search bar with dropdowns for 'Project name' and 'Search for projects', and a 'Search' button. The main content area displays a table of projects with columns for Project ID, Project name, Project URL, Last update Date, and Date of change. A note at the bottom says 'Connect to GitHub first.' A red box highlights the 'Github integration' button, which is located at the top right of the project table. A black circle with the number '1' is placed over the 'Github integration' button.

- 1 Click the **[Connect GitHub]** button to link your personal GitHub account.
A popup window for connecting to GitHub will appear upon clicking the button.

C) Connecting with Codyssey

C) Connecting with Codyssey

- 3) In **[My Repositories]**, you can check the GitHub connection and view your repositories.



1 Enter your personal GitHub ID.

2 Paste the **[token]** copied from GitHub.

3 Click the **[Register/Modify]** button to connect GitHub.

★ Notes for Connecting

GitHub:

✓ The **GitHub ID** must be your own account.

✓ The GitHub URL can be found in the **[My Repositories]** section of the learner portal.

C) Connecting with Codyssey

C) Connecting with Codyssey

3) In [My Repositories], you can check the GitHub connection and view your repositories.

The screenshot shows the 'My repositories' section of the Codyssey interface. At the top, there's a search bar with 'Project name' dropdown and a 'Search' button. Below it, a table lists one item. The table has columns: Project ID, Project name, Project URL, Creation Date, and Date of change. The first row contains: 851350110, ia-codyssey, <https://github.com/IA-hyunbok/ia-codyssey.git>, 2024.09.03, and 2024.09.04. A red dashed box highlights the 'Go to the repository' button at the top right of the table. Another red dashed box highlights the entire row of the table. A small number '1' is in a circle at the bottom center of the table area.

| Project ID | Project name | Project URL | Creation Date | Date of change |
|------------|--------------|---|---------------|----------------|
| 851350110 | ia-codyssey | https://github.com/IA-hyunbok/ia-codyssey.git | 2024.09.03 | 2024.09.04 |

- 1 Click the **[Go to Repository]** button to navigate to your personal GitHub.
- 2 You can view the list of **[GitHub Repositories]**.

Think over

Implement your own program that will display the word "woof woof" when you type "dog" on the computer. Your program must support cross-platform and be stored in the cloud.

Homework

- 1. Read Step 1, Course 1, Problem 1**

- 1. Communication, Be confident!!**

See you next week!
DO NOT miss the classes