

별도의 설치 및 명령어 없이 Github 사용해보기

장의수



Introducing GitHub Copilot X

Your AI pair programmer is leveling up



회원가입

Let's build from

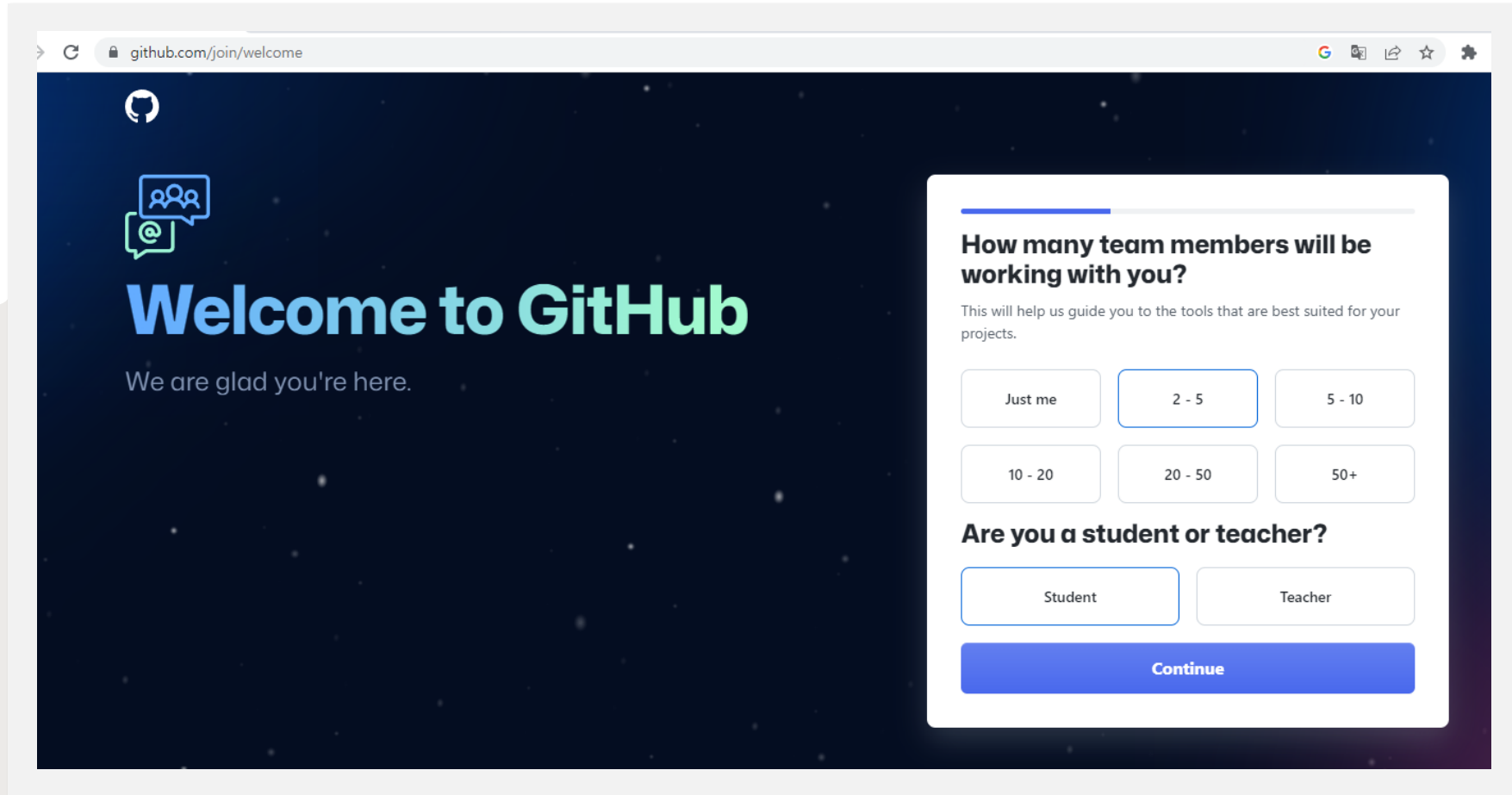
Harnessed for productivity. Designed for collaboration.
Celebrated for built-in security. Welcome to the platform
developers love.

- Github.com에 접속,
이메일 입력하고 sign
up for GitHub
- (이후 개인정보 등의
생략한 부분은 자유
롭게 작성)

Email address

Sign up for GitHub

Start a free enterprise trial



회원가입

조원 수에 맞게 2-5 선택, Student 선택



usriddle

Overview Repositories Projects Packages Stars

Find a repository...

Type

Language

Sort

usriddle doesn't have any public repositories yet.

Signed in as usriddle

Set status

Your profile

Your repositories

Your projects

Your stars

Your gists

Your sponsors

Upgrade

Try Enterprise

Feature preview

Help

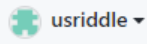
새로운 저장소 만들기

- 1.프로필 사진 클릭
- 2. Your repositories 클릭
- 3. 초록색 버튼 (New 클릭)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

1

Owner *  Repository name *

Great repository names are short and memorable. Need inspiration? How about [turbo-octo-carnival](#)?

2

Description (optional)

3

☐ Public
Anyone on the internet can see this repository. You choose who can commit.

☒ Private
You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

License: None

 You are creating a public repository in your personal account.

4

Create repository

저장소 만들기

1. 저장소 이름 작성 (영문 및 숫자)

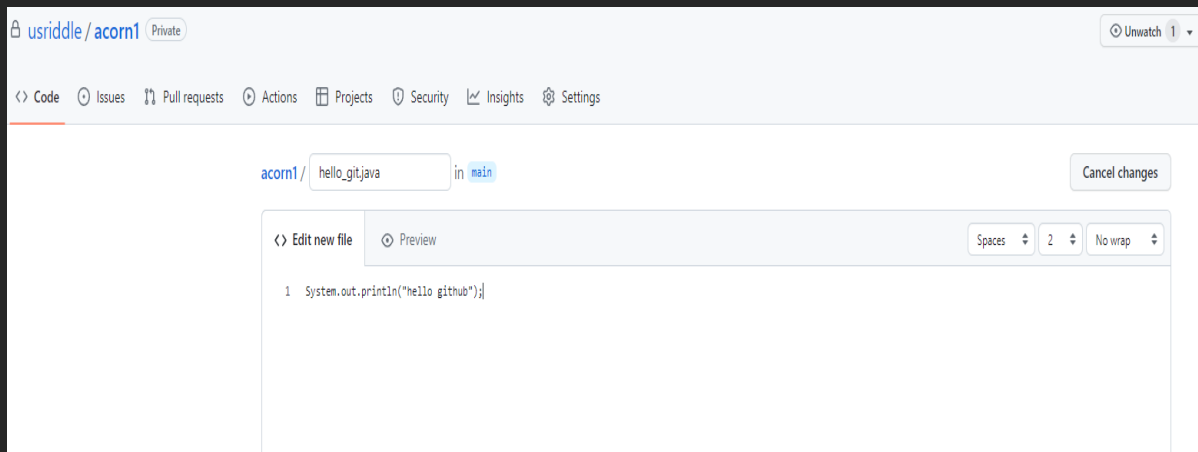
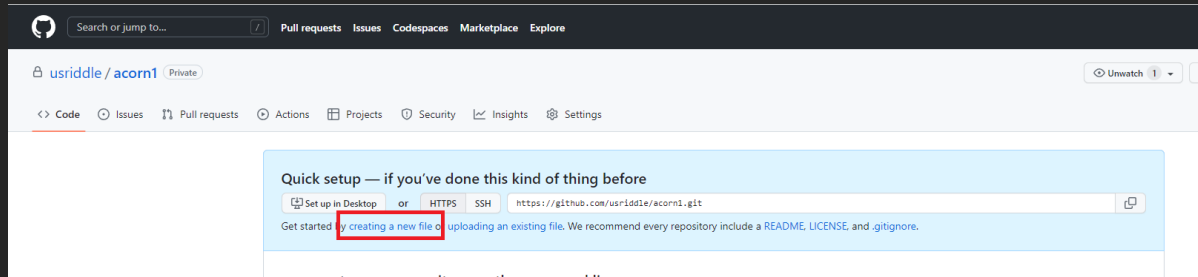
2. 설명 작성

3. 해당 저장소를 외부에 공개할지 여부 설정

(이번에는 비공개로 한 후, 조원을 초대하는 방식을 사용)

4. 나머지는 그대로 두고 맨 아래 초록색 버튼 클릭

저장소 만들기



1. 새 파일 만들기 선택

2. 새 파일 작성하기

3. 하단의 초록색 버튼
(commit new file) 클릭

[화면에는 잘렸지만 아래
에 있습니다.]

저장소 만들기 완성

The screenshot shows a GitHub repository page for 'usriddle/acorn1'. The repository is private and has 1 branch (main) and 0 tags. The commit history shows a single commit 'usriddle Create hello_git.java' by 'd5f1811' 1 minute ago. The file list shows 'hello_git.java' created 1 minute ago. A light blue banner prompts to 'Add a README with an overview of your project.' with a green 'Add a README' button. The right sidebar contains sections for 'About' (에이콘아카데미 1조, 0 stars, 1 watching, 0 forks), 'Releases' (No releases published, Create a new release), 'Packages' (No packages published, Publish your first package), and 'Languages' (Java 100.0%).

Search or jump to... Pull requests Issues Codespaces Marketplace Explore

usriddle / acorn1 Private

Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Security Insights Settings

main 1 branch 0 tags

Go to file Add file <> Code

usriddle Create hello_git.java d5f1811 1 minute ago 1 commit

hello_git.java Create hello_git.java 1 minute ago

Add a README with an overview of your project. Add a README

About

에이콘아카데미 1조

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

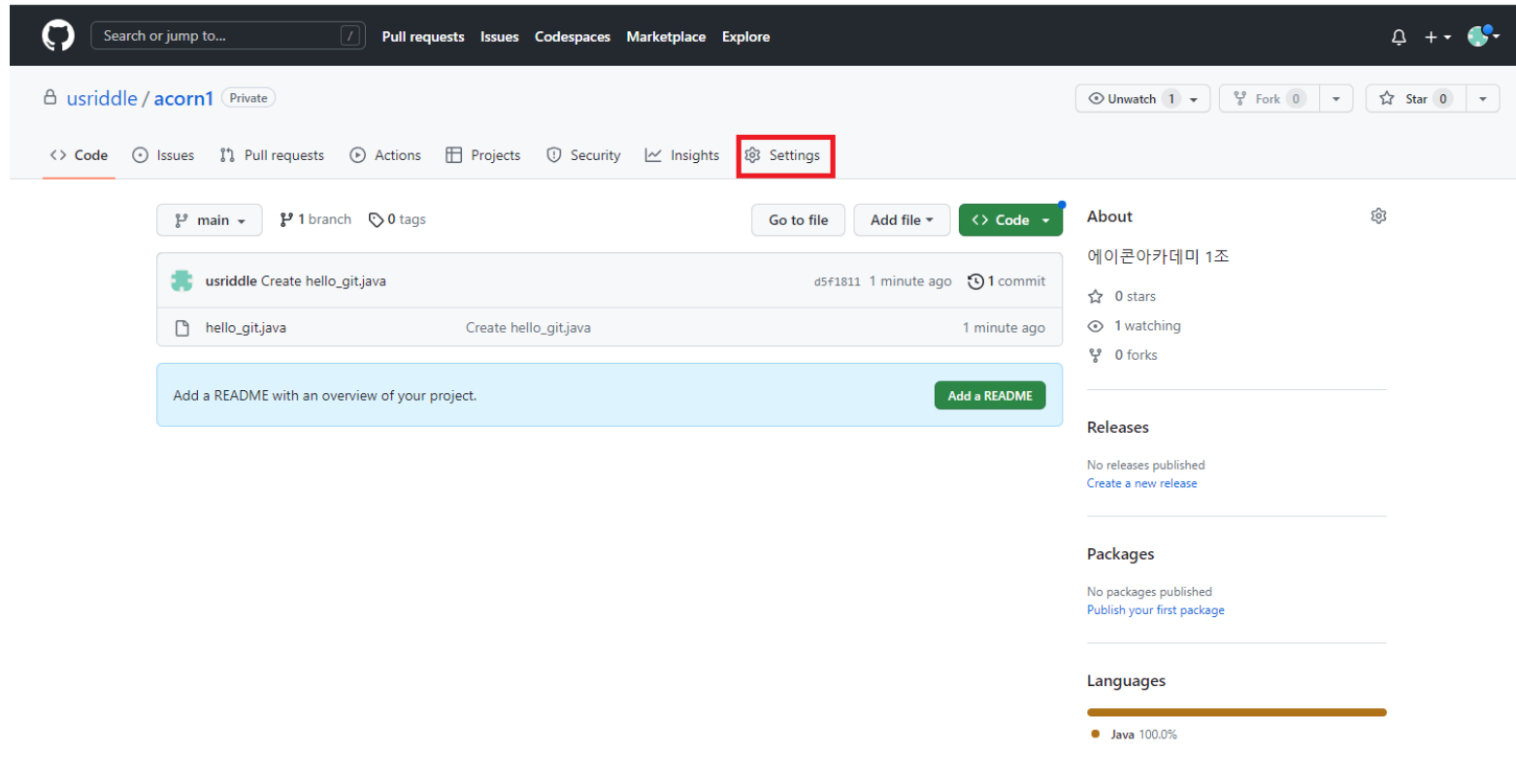
Publish your first package

Languages

Java 100.0%

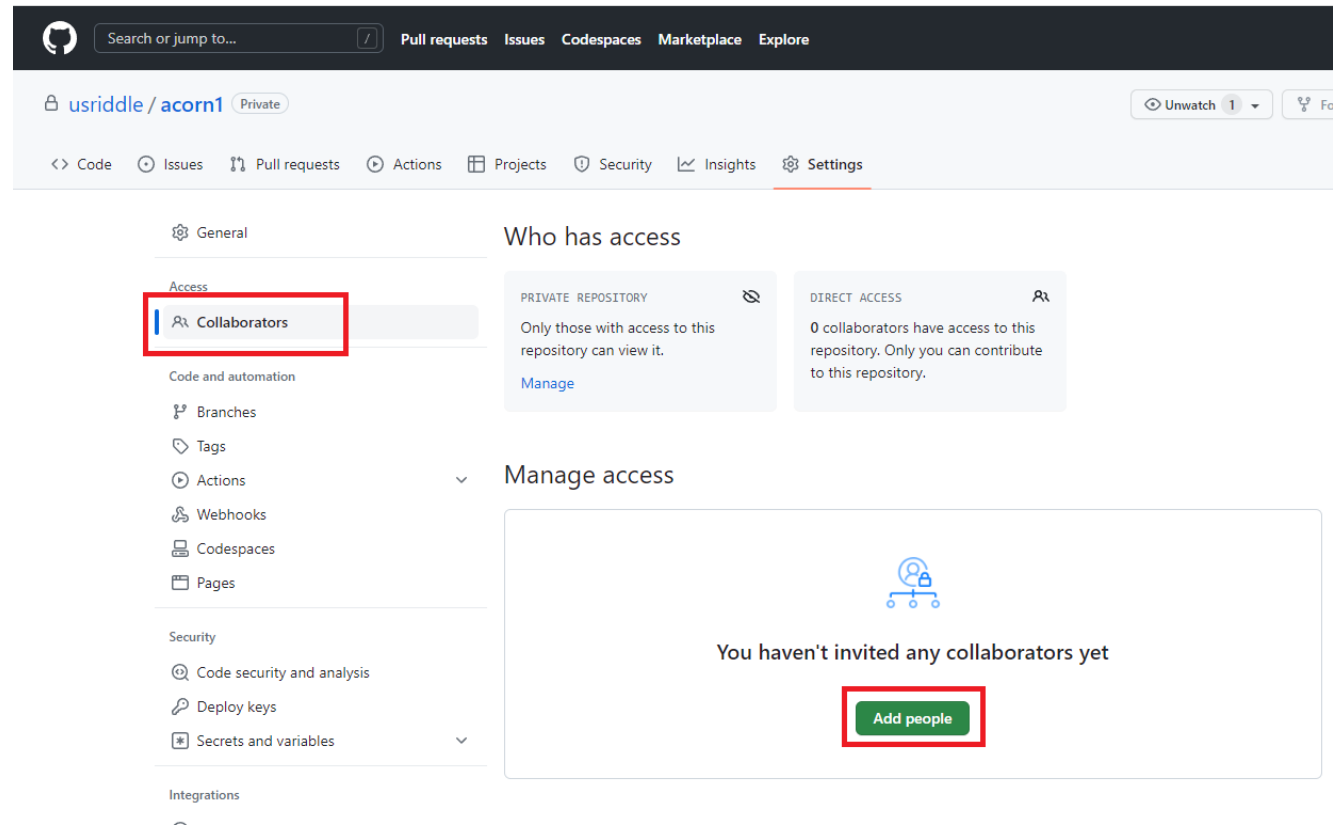
조원 초대하기

- Settings 클릭



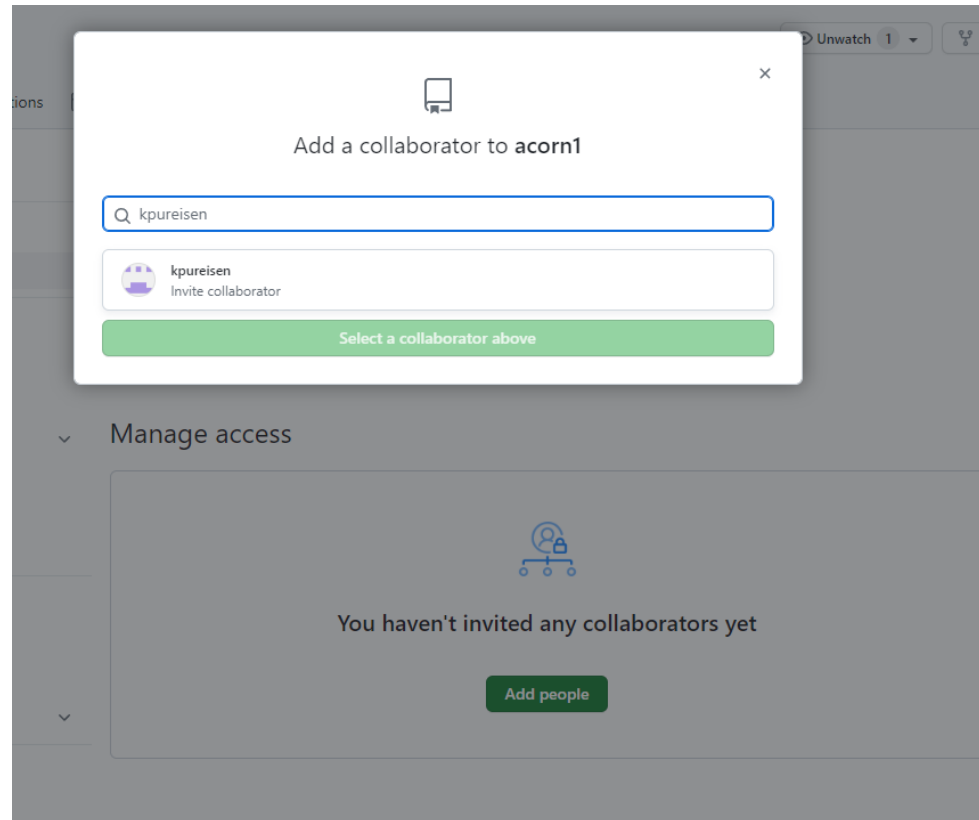
조원 초대하기

- Collaborators -> Add people



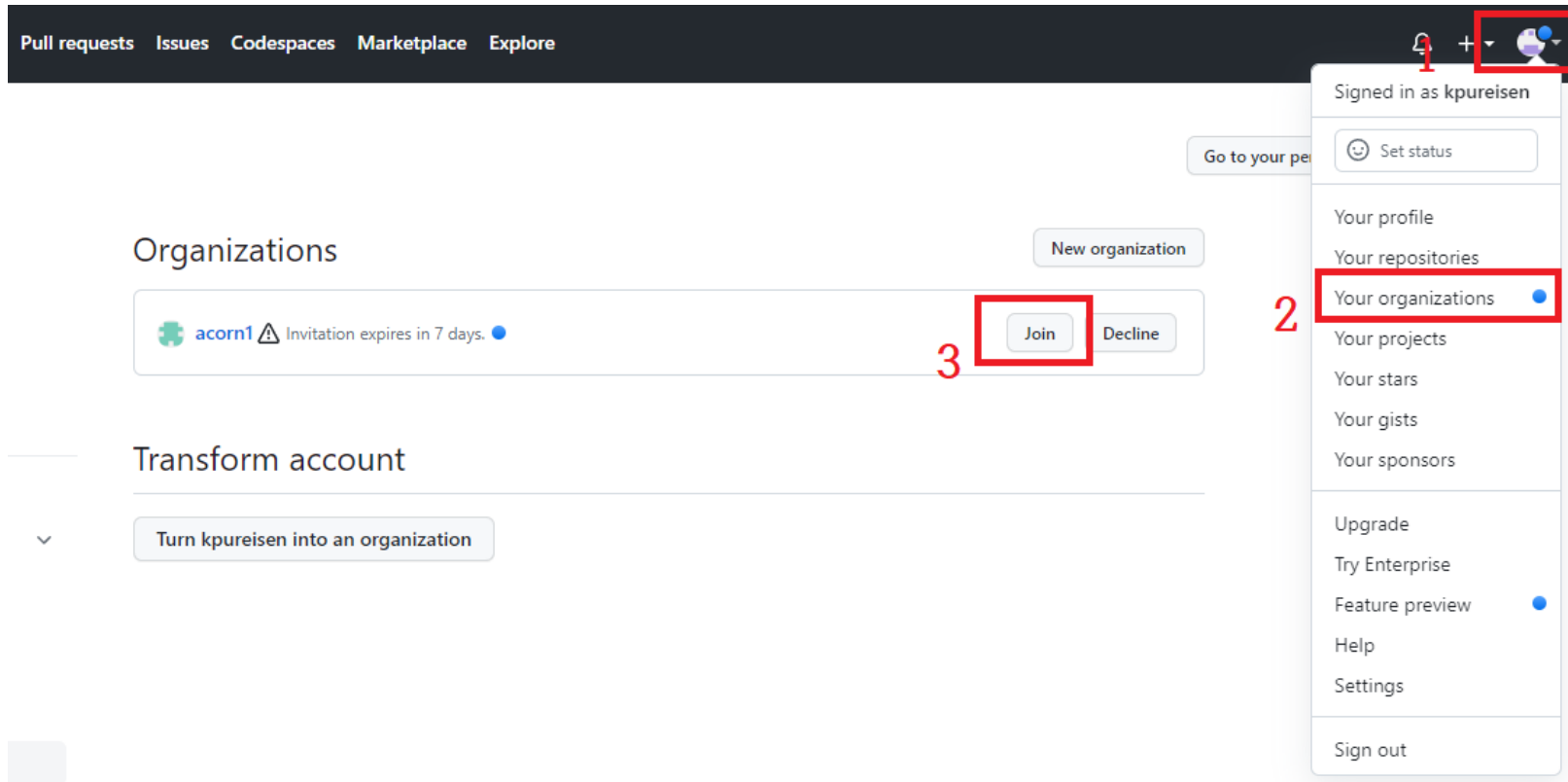
조원 초대하기

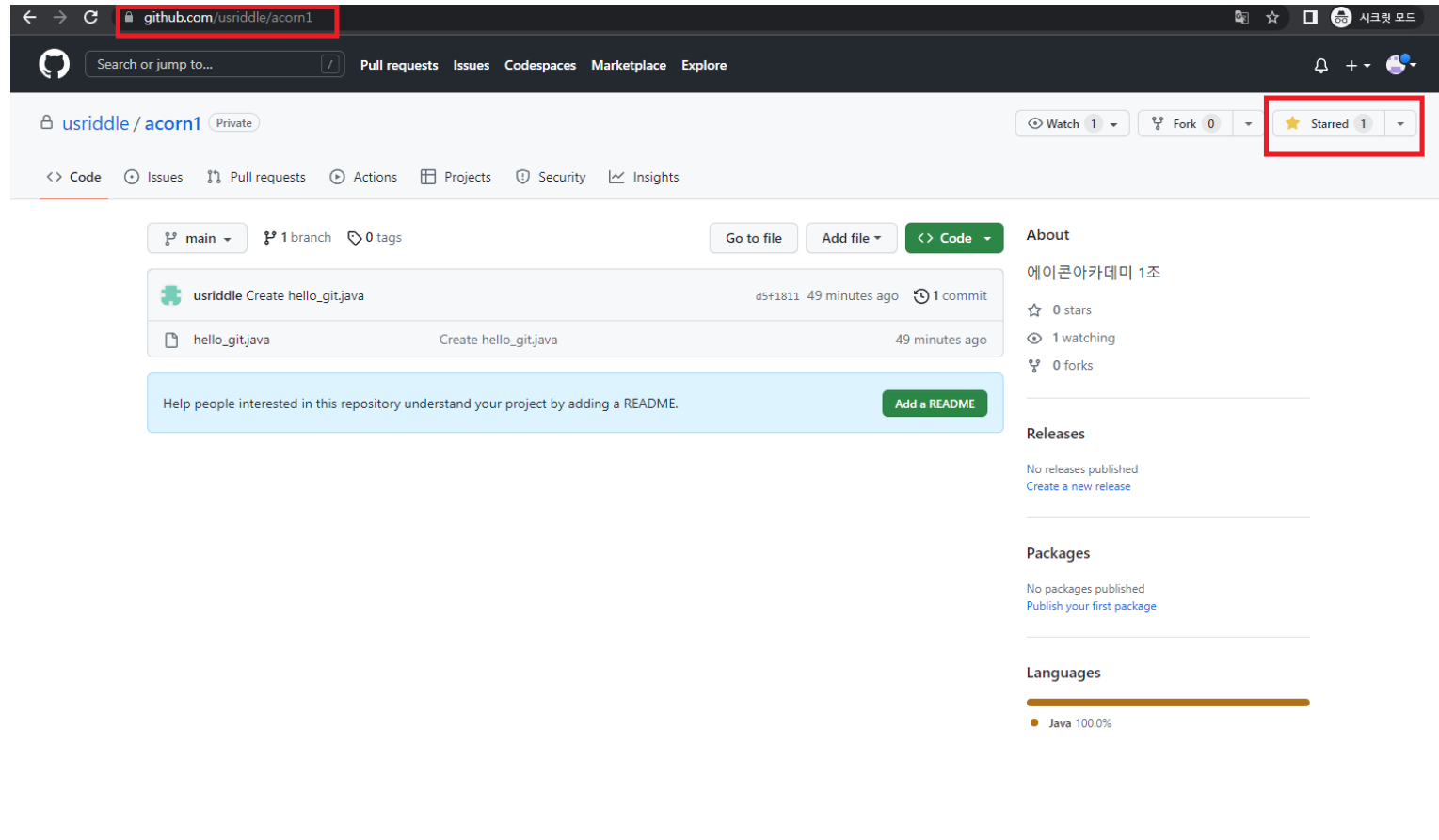
- 조원이 지정한 닉네임 검색, 클릭 -> 초록색 버튼 클릭



초대 수락하기

1. 프로필 사진 클릭 -> 2. Your organizations 클릭 -> 3. Join 클릭
4. 다음 페이지에서 accept invitation 클릭

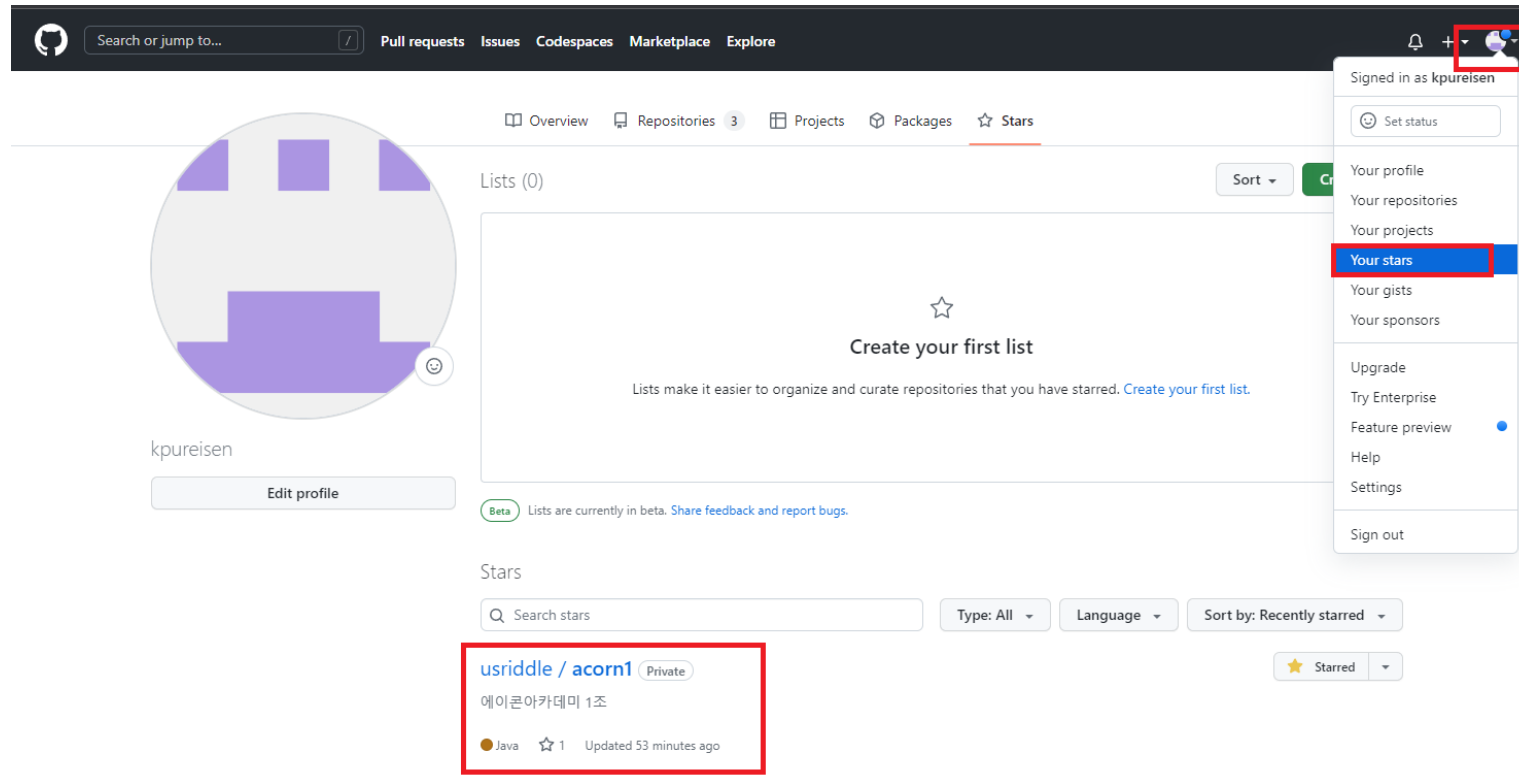




저장소 기억하기

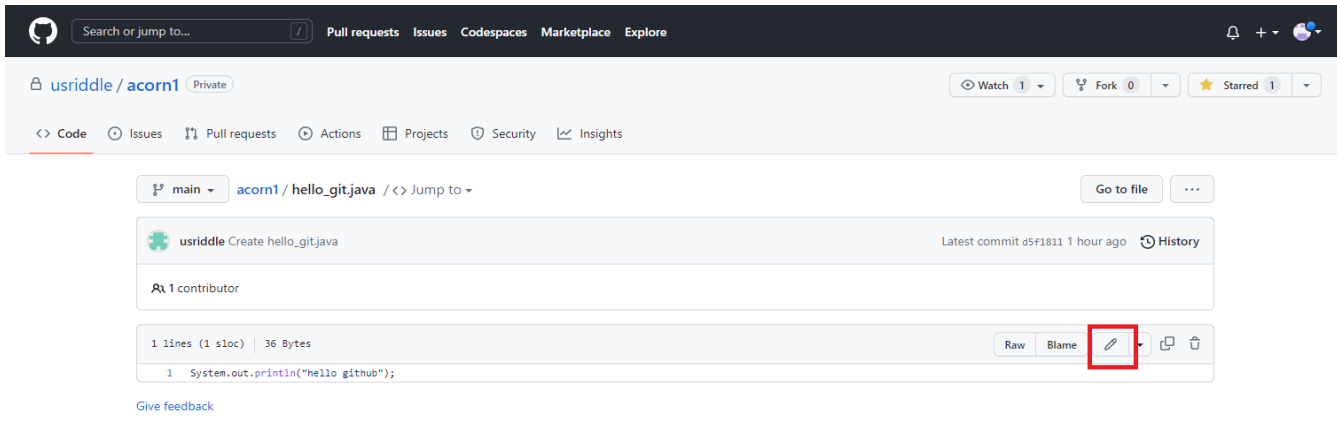
방법 1. Star을 클릭해서 기억하기

방법 2. 저장소 주소를 복사해서 기억하기



저장소 찾아가기

- 프로필사진 -> your stars -> 해당 저장소 클릭
- 주소창에 주소를 입력해서 찾아갈 수도 있습니다.
- 초대받지 않고 접속하면 404가 뜹니다(private 저장소의 경우)



acorn1 / `hello_git.java` in `main`

<> Edit file

Preview changes

```
1 System.out.println("hello github");
2 System.out.println("hello acorn1");
```

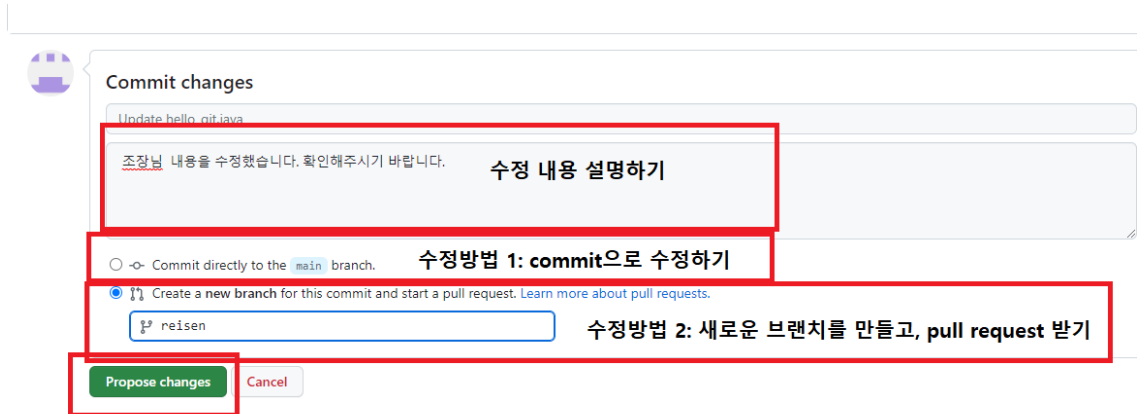
저장소의
파일
수정해보기

저장소의 파일 수정해보기

수정방법 1: commit으로 수정하기
다른 사람의 허락이 필요없는 경우
(그만한 권한이 있는 경우)
별다른 절차 없이 바로 파일을 수정할 수 있습니다.

수정방법 2: 새로운 브랜치를 만들고, pull request 받기

저장소의 복사본을 만들고, 그 복사본의 파일을 수정한 후 권한이 있는 사람에게 수정한 코드를 원본 저장소에 반영할지 여부를 확인 받습니다.




The screenshot shows the GitHub 'Commit changes' dialog. A red box highlights the commit message field, which contains the text '조장님 내용을 수정했습니다. 확인해주시기 바랍니다.' and a placeholder '수정 내용 설명하기'. Another red box highlights the commit options, showing 'Commit directly to the main branch.' and 'Create a new branch for this commit and start a pull request.' with the label '수정방법 1: commit으로 수정하기'. A third red box highlights the 'Create a new branch' option, which is selected, and the new branch name 'reisen' is entered in the text field, with the label '수정방법 2: 새로운 브랜치를 만들고, pull request 받기'. At the bottom, the 'Propose changes' button is highlighted with a red box.


2번 방법으로 수정해보기

- 수정방법 2: 새로운 브랜치를 만들고, pull request 받기

The screenshot shows the GitHub 'Open a pull request' interface for the repository 'usriddle/acorn1'. The page indicates that a new branch named 'reisen' has been created from 'main'. The 'base' is set to 'main' and the 'compare' branch is 'reisen'. A green checkmark states 'Able to merge. These branches can be automatically merged.' Below this, there is a text input field with the title 'Update hello_git.java'. Underneath the title are tabs for 'Write' and 'Preview'. The 'Write' tab is active, showing a text area with the Korean text '조장님 내용을 수정했습니다. 확인해주시기 바랍니다.' (I have modified the content of the boss. Please check it). Below the text area is a message: 'Attach files by dragging & dropping, selecting or pasting them.' At the bottom right, there is a green button labeled 'Create pull request', which is highlighted with a red rectangular box.

Update hello_git.java #1

 Open kpureisen wants to merge 1 commit into `main` from `reisen` 


 Conversation 0  Commits 1  Checks 0  Files changed 1



kpureisen commented 4 minutes ago

조장님 내용을 수정했습니다. 확인해주시기 바랍니다.



 Update hello_git.java

Verified

c7395d2

Add more commits by pushing to the `reisen` branch on `usriddle/acorn1`.




 Require approval from specific reviewers before merging

[Branch protection rules](#) ensure specific people approve pull requests before they're merged.

Add rule



 Continuous integration has not been set up

[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.

 This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



Add more commits by pushing to the `reisen` branch on `usriddle/acorn1`.



Merge pull request #1 from `usriddle/reisen`

Update hello_git.java

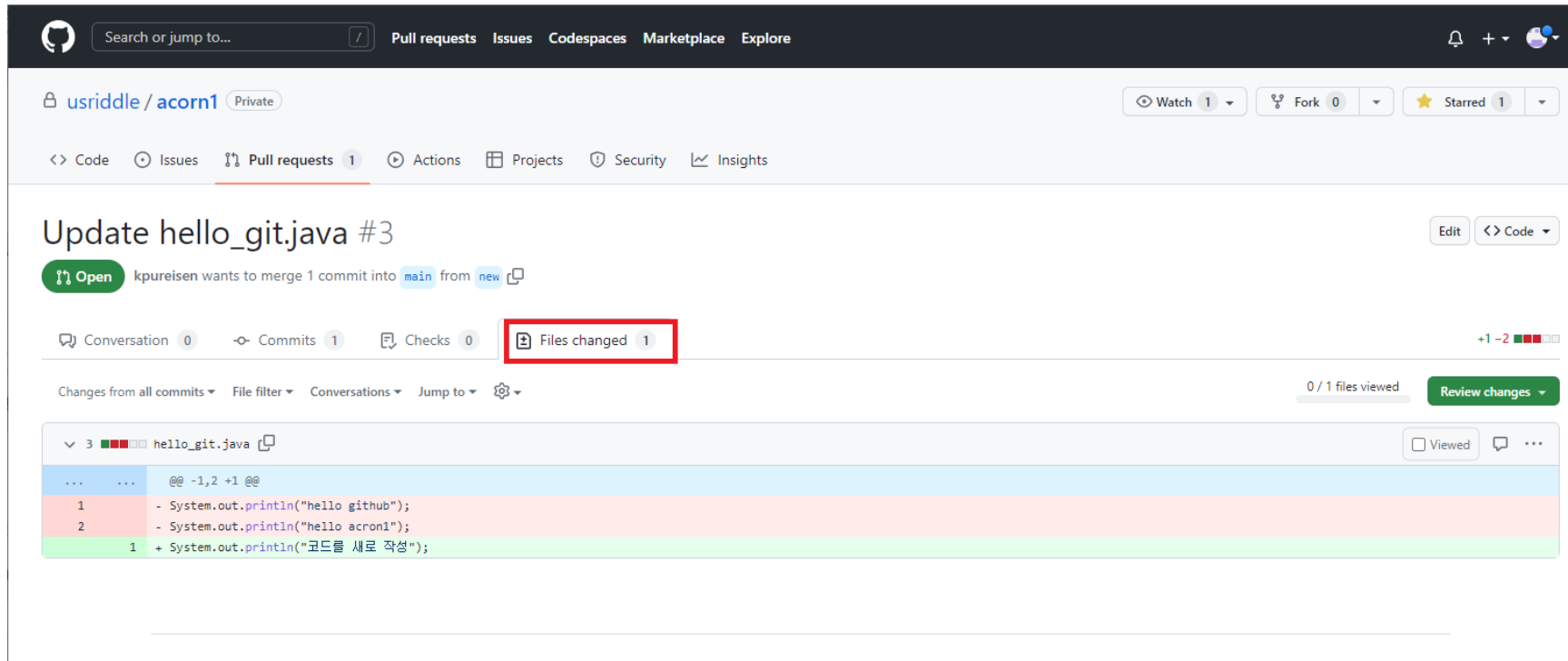
This commit will be authored by 129639843+usriddle@users.noreply.github.com

Confirm merge

Cancel

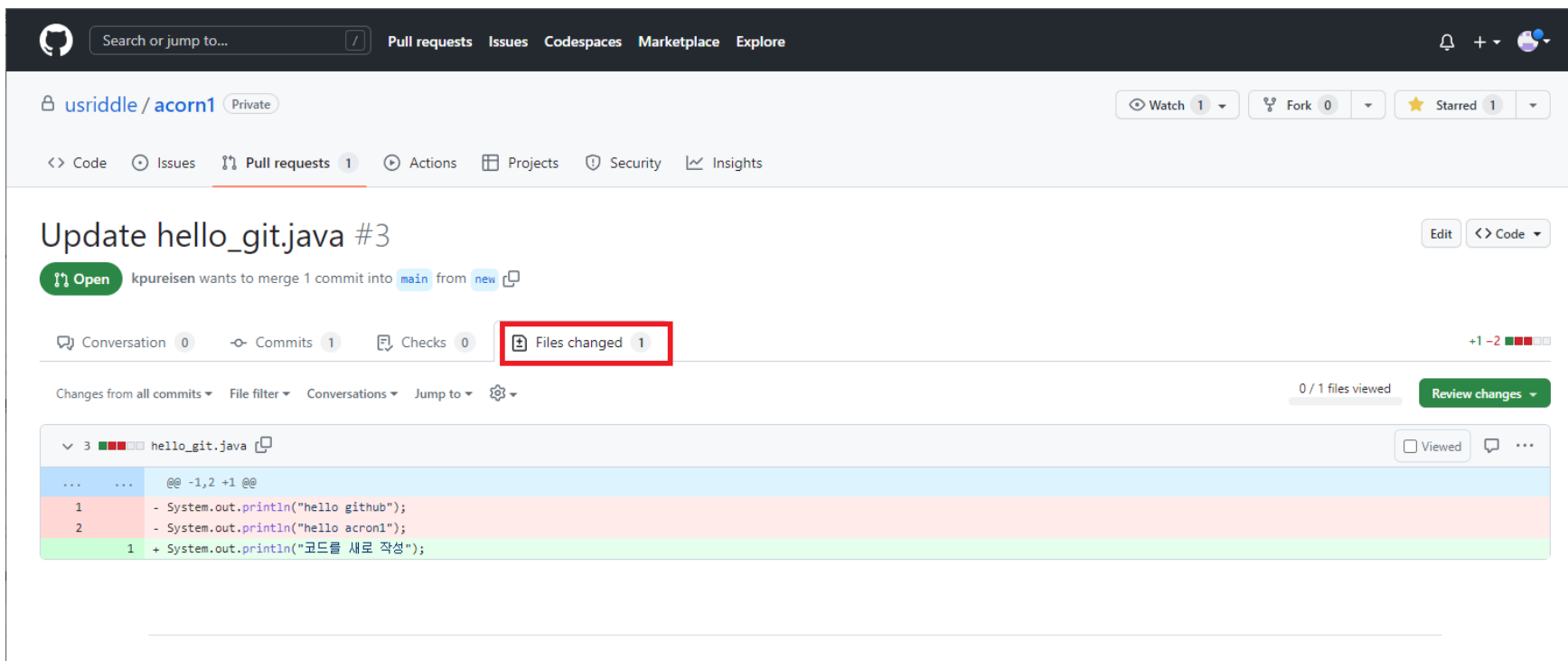
Pull request 수락, merge하기

거절시 하단의 close
클릭 (사진에서
잘려서 안보이지만
존재합니다.)



코드 수정내용 확인은?

- File changed에서 확인가능하다.
- 이후에 추가한 pull request라서 이름과 내용이 다릅니다
- 초록색으로 나타낸 부분이 추가된 코드, 붉은색이 삭제된 코드



일부만 반영하고
싶다면?

- (개인적으로 사용하는 방법으로 더 좋은 방법이 있을 수도 있습니다)
- 해당 pull request는 취소하고, 수정사항을 비교해서 원하는 부분의 코드만 가져다가 원본의 코드에 반영.



Pull request successfully merged and closed

You're all set—the `reisen` branch can be safely deleted.

Delete branch

그 이후 branch는?

- Merge된 이후에는 branch는 삭제하는 것이 일반적.
- (즉, 일반적으로 branch는 merge를 하기 위해 임시적으로 만든 저장소의 의미)
- Delete branch를 누르면 바로 삭제 가능

usriddle / acorn1 (Private)

<> Code Issues Pull requests Actions Projects Security Insights

main 2 branches 0 tags

Go to file

Add file

<> Code

Switch branches/tags

Find or create a branch...

Branches Tags

✓ main default

reisen

View all branches

ddle/reisen 2951c21 23 minutes ago 3 commits

Update hello_git.java 37 minutes ago

Understand your project by adding a README.

Add a README

usriddle / acorn1 (Private)

Watch 1 Fork 0 Starred

<> Code Issues Pull requests Actions Projects Security Insights

Search branches...

Overview

Yours

Active

Stale

All branches

New branch

Default branch

main Updated 24 minutes ago by usriddle

Default

Your branches

reisen Updated 38 minutes ago by kpureisen

1 | 0

#1 Merged

🗑

Active branches

reisen Updated 38 minutes ago by kpureisen

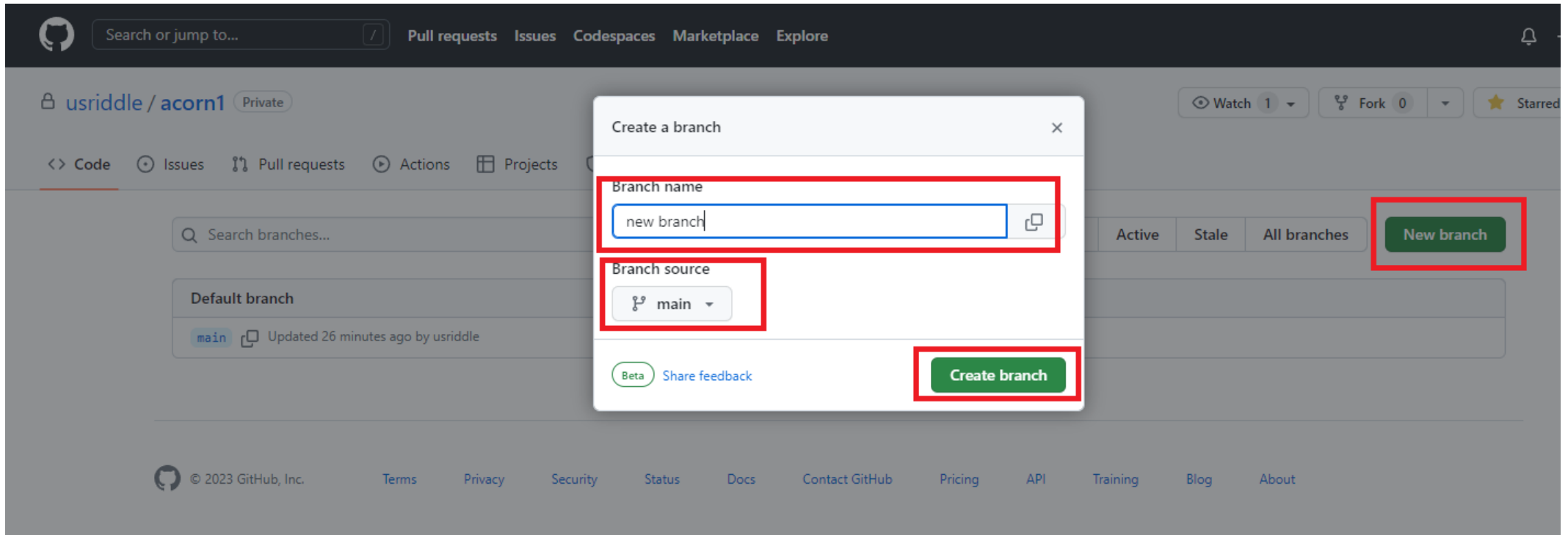
1 | 0

#1 Merged

🗑

Merge 이전에 직접 branch 삭제해보기

- View all branches -> 쓰레기통 아이콘 클릭



Branch를 직접 생성해보기 (해당 저장소 내부)

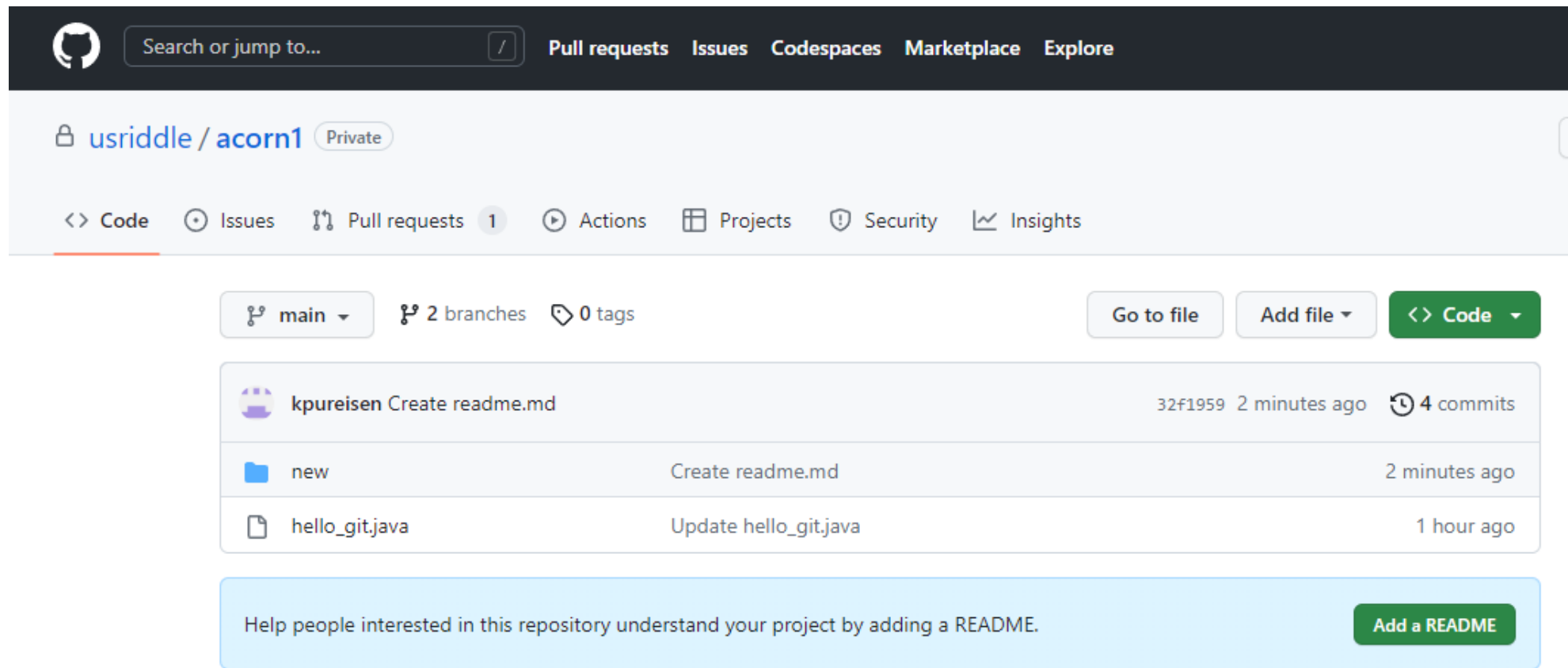
- View all branches -> new branch
- -> branch 이름 설정, 복사할 branch 선택 (원본은 main branch)
- -> create branch

새로운 브랜치에서 파일 업로드

- 깃허브는 빈 폴더를 생성할 수 없으므로, 임의의 파일과 같이 만들어주어야 합니다.
- new라는 폴더를 만들기 위해 new/readme.md 입력

The screenshot shows the GitHub interface for the repository 'usriddle/acorn1'. At the top, the 'Add file' button is highlighted with a red box, and its dropdown menu is open, showing 'Create new file' as the selected option. Below this, the file path 'acorn1 / new / readme.md' is displayed in the header, also highlighted with a red box. The 'Edit new file' tab is active, showing a placeholder text '1 주의사항: ~~~~'.

new 폴더 생성 완료



The screenshot shows the GitHub interface for a repository named 'usriddle / acorn1'. The repository is private. The 'Code' tab is selected, showing a commit history table. The table lists three items: a commit by 'kpureisen' to create 'readme.md', a new folder 'new' created 2 minutes ago, and a file 'hello_git.java' updated 1 hour ago. A blue banner at the bottom encourages adding a README.

Search or jump to... Pull requests Issues Codespaces Marketplace Explore

usriddle / acorn1 Private

<> Code Issues Pull requests 1 Actions Projects Security Insights

main 2 branches 0 tags Go to file Add file <> Code

kpureisen	Create readme.md	32f1959 2 minutes ago	4 commits
new	Create readme.md	2 minutes ago	
hello_git.java	Update hello_git.java	1 hour ago	

Help people interested in this repository understand your project by adding a README. Add a README

폴더에 파일 여러 개 업로드

main

acorn1 / new /

Go to file

Add file

...

kpureisen

Create readme.md

32f3

history

..

readme.md

Create readme.md

7 minutes ago

readme.md

주의사항: ~~~~

[Give feedback](#)



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폴더에 파일 여러 개 업로드

Choose your files ->
원하는 파일들 드래그로
선택

-> commit changes

(주의: 파일이 UTF-8이 아
니면 한글이 깨질 수 있으
니 메모장을 사용해서
UTF-8로 저장해주세요.)

이번에는 본인의 branch
이므로 바로 commit을 하
겠습니다.

Drag additional files here to add them to your repository
Or [choose your files](#)

Ex.java

FileManager.java

Monster.java

SaveFileManager.java

Skill.java

UseFile.java

업솔.java

팔색조.java

이름	수정된 날짜	유형	크기
Skills	2023-02-28 오전 9:51	파일 폴더	
Ex.java	2023-02-28 오후 1:50	JAVA 파일	1KB
FileManager.java	2023-02-28 오후 5:15	JAVA 파일	7KB
Monster.java	2023-02-28 오후 5:07	JAVA 파일	2KB
SaveFileManager.java	2023-03-02 오후 7:43	JAVA 파일	6KB
Skill.java	2023-02-28 오후 5:07	JAVA 파일	1KB
UseFile.java	2023-02-28 오전 9:07	JAVA 파일	1KB
업솔.java	2023-02-28 오후 3:47	JAVA 파일	1KB
팔색조.java	2023-02-28 오후 4:03	JAVA 파일	1KB

Commit changes

Add files via upload

Add an optional extended description...

이름(N): "Ex.java" "FileManager.java" "Monster.java" "SaveFileManager.java" "Skill.java" "UseFile.java" "업솔.java" "팔색조.java"

모든 파일 (*.*)

열기(O) 취소

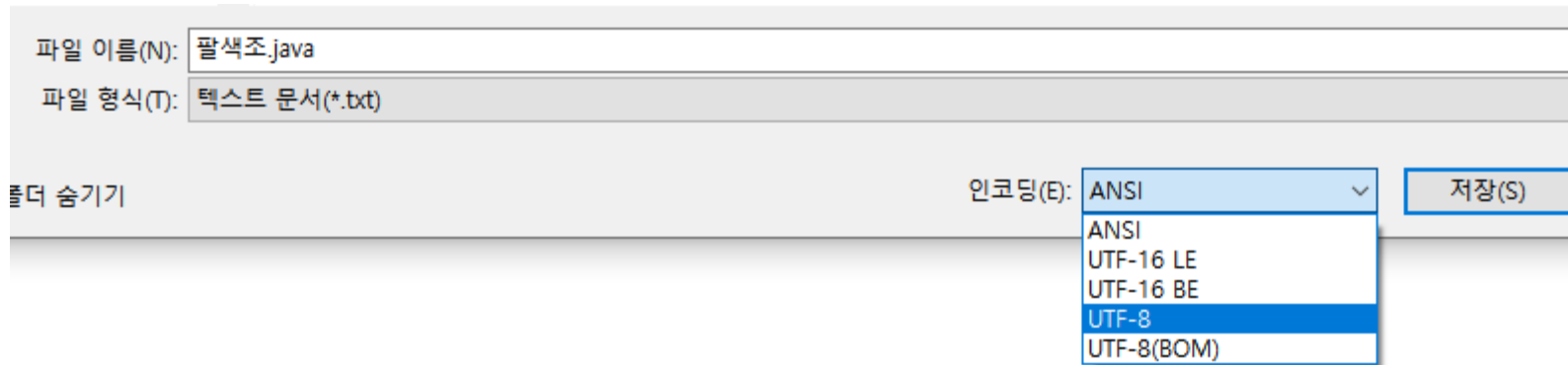
☒ Commit directly to the `main` branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes

Cancel

메모장을 이용하여 UTF-8로 저장 (다른 이름으로 저장 -> utf-8 설정)



New branch를 main에 pull request하기

- Pull requests -> new pull request
- Main <- new (new를 main과 비교, 병합 요청)
- 이전의 pull request처리 방식과 동일하게 진행

The screenshot shows the GitHub 'Pull requests' page for repository 'ispr'. The 'Comparing changes' section is active, showing a comparison between 'base: main' and 'compare: new'. A green status bar indicates 'Able to merge. These branches can be automatically merged.' Below this, a list of 14 commits is shown, with 9 files changed and 2 contributors. The commits are:

- Update hello_git.java (Verified, 72b20a7)
- Add files via upload (Verified, 1bd878a)
- Delete Ex.java (Verified, c18d96a)
- Delete FileManager.java (Verified, 746f5c2)
- Delete Monster.java (Verified, eb45461)
- Delete SaveFileManager.java (Verified, 4c98cce)
- Delete Skill.java (Verified, 44d5af2)

The screenshot shows the commit history of the pull request. The commits are listed in a vertical timeline, each with a commit icon, a description, a 'Verified' status, and a commit hash. The commits are:

- Update hello_git.java (Verified, 72b20a7)
- Add files via upload (Verified, 1bd878a)
- Delete Ex.java (Verified, c18d96a)
- Delete FileManager.java (Verified, 746f5c2)
- Delete Monster.java (Verified, eb45461)
- Delete SaveFileManager.java (Verified, 4c98cce)
- Delete Skill.java (Verified, 44d5af2)
- Delete UseFile.java (Verified, ee62950)
- Delete hello_git.java (Verified, 56976c8)
- Delete 뽕을.java (Verified, 2f6be93)
- Delete 골뱅이.java (Verified, 8cfff3b8)
- Create readme.md (Verified, fd1f84c)
- Add files via upload (Verified, 4c44dac)
- Create hello_git.java (Verified, 30b225a)

At the bottom, a green status bar indicates 'This branch has no conflicts with the base branch' and 'Merging can be performed automatically.' A 'Merge pull request' button is visible.

Pull request가 여러 개 존재한다면?

- 방법이 여러 가지지만, 변경사항을 확인한 후 충돌이 없을경우 차례로 merge하면 됩니다.

하지만, 1번 pull request에서 수정했던 내용이 2번 pull request에서도 수정되었다면 위 방식이 문제가 됩니다.

이럴 때 저의 경우는 pull request의 변경 사항만 확인하고 필요한 코드만 가져다가 main branch를 직접 수정했습니다. (해당 pull request는 close)

쉽게 정리하면, 총 책임자가 pull request는 참고만 하고 main의 파일을 직접 수정하는 방식

다른 사람의 저장소를 자신의 저장소로 복사하기(fork)

Watch 1

Fork 0

Starred 1


ProjectsSecurityInsights

Create a new fork


A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project.

Owner *

Repository name *

 kpureisen

 /

acorn1 


By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

Description (optional)

에이콘아카데미 1조

☒ Copy the `main` branch only

Contribute back to usridle/acorn1 by adding your own branch. [Learn more.](#)

 You are creating a fork in your personal account.

Create fork

복사하고 싶은 저장소로
이동 한 후, fork 클릭 ->
create fork

자신의 저장소에서 작업한 결과물을 pull request 하기

- 이전 방식은 상대방의 저장소 및 브랜치를 활용한 방식이었다면, 이번에는 자신의 저장소의 작업물을 활용한 방식.
- 이전과 다르게 비교대상이 4가지입니다. 그외의 방법은 동일하므로 생략합니다.

usriddle / acorn1 Private

Watch 1 Fork 1 Starred 1

<> Code Issues Pull requests Actions Projects Security Insights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: usriddle/acorn1 base: main head repository: kpureisen/acorn1 compare: main ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#) [Create pull request](#)

1 commit 1 file changed 1 contributor

Commits on Apr 2, 2023

Create reisen_file.java
kpureisen committed 3 minutes ago Verified bcaacc5 <>

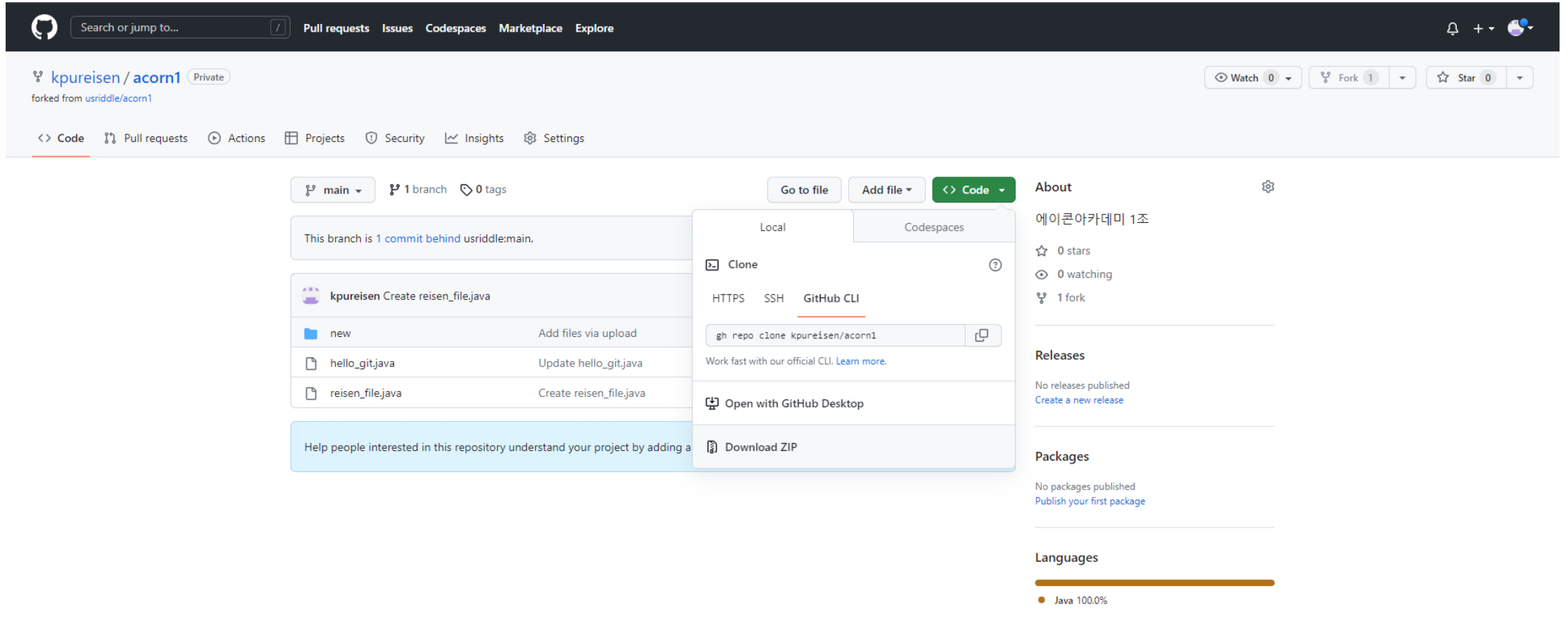
Showing 1 changed file with 2 additions and 0 deletions. Split Unified

reisen_file.java

```
... @@ -0,0 +1,2 @@
1 + int i=5;
2 + System.out.println(a);
```

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저장소를 컴퓨터에 다운로드



The screenshot shows the GitHub interface for the repository `kpureisen/acorn1`, which is a private repository forked from `usriddle/acorn1`. The repository is on the `main` branch, which is 1 commit behind `usriddle:main`. The file list includes `new` (Add files via upload), `hello_git.java` (Update `hello_git.java`), and `reisen_file.java` (Create `reisen_file.java`). A blue banner at the bottom of the file list encourages adding a README. The `<> Code` dropdown menu is open, showing options to clone the repository using HTTPS, SSH, or GitHub CLI, or to open it with GitHub Desktop or download it as a ZIP file. The right sidebar contains the 'About' section (Acorn Academy 1st), 'Releases' (No releases published), 'Packages' (No packages published), and 'Languages' (Java 100.0%).

kpureisen / acorn1 Private
forked from usriddle/acorn1

Watch 0 Fork 1 Star 0

`<>` Code Pull requests Actions Projects Security Insights Settings

main 1 branch 0 tags

This branch is 1 commit behind `usriddle:main`.

kpureisen Create `reisen_file.java`

new Add files via upload

hello_git.java Update `hello_git.java`

reisen_file.java Create `reisen_file.java`

Help people interested in this repository understand your project by adding a README file.

Go to file Add file `<> Code`

Local Codespaces

Clone

HTTPS SSH GitHub CLI

gh repo clone kpureisen/acorn1

Work fast with our official CLI. [Learn more.](#)

Open with GitHub Desktop

Download ZIP

About

에이콘아카데미 1조

0 stars

0 watching

1 fork

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Languages

Java 100.0%

설치 프로그램 및 명령어를 사용한다면?

Pc의 폴더를 저장소로 사용할 수 있고, 폴더 업로드, pull request등의 기능을 명령어로 수행할 수 있습니다.

관심이 있으시다면 이 부분도 도전해보시기 바랍니다.

깃 프로그램관련: <https://dora-guide.com/git-gui-client/>

자주 쓰이는 명령어 모음: <https://eehoeskrap.tistory.com/666>

