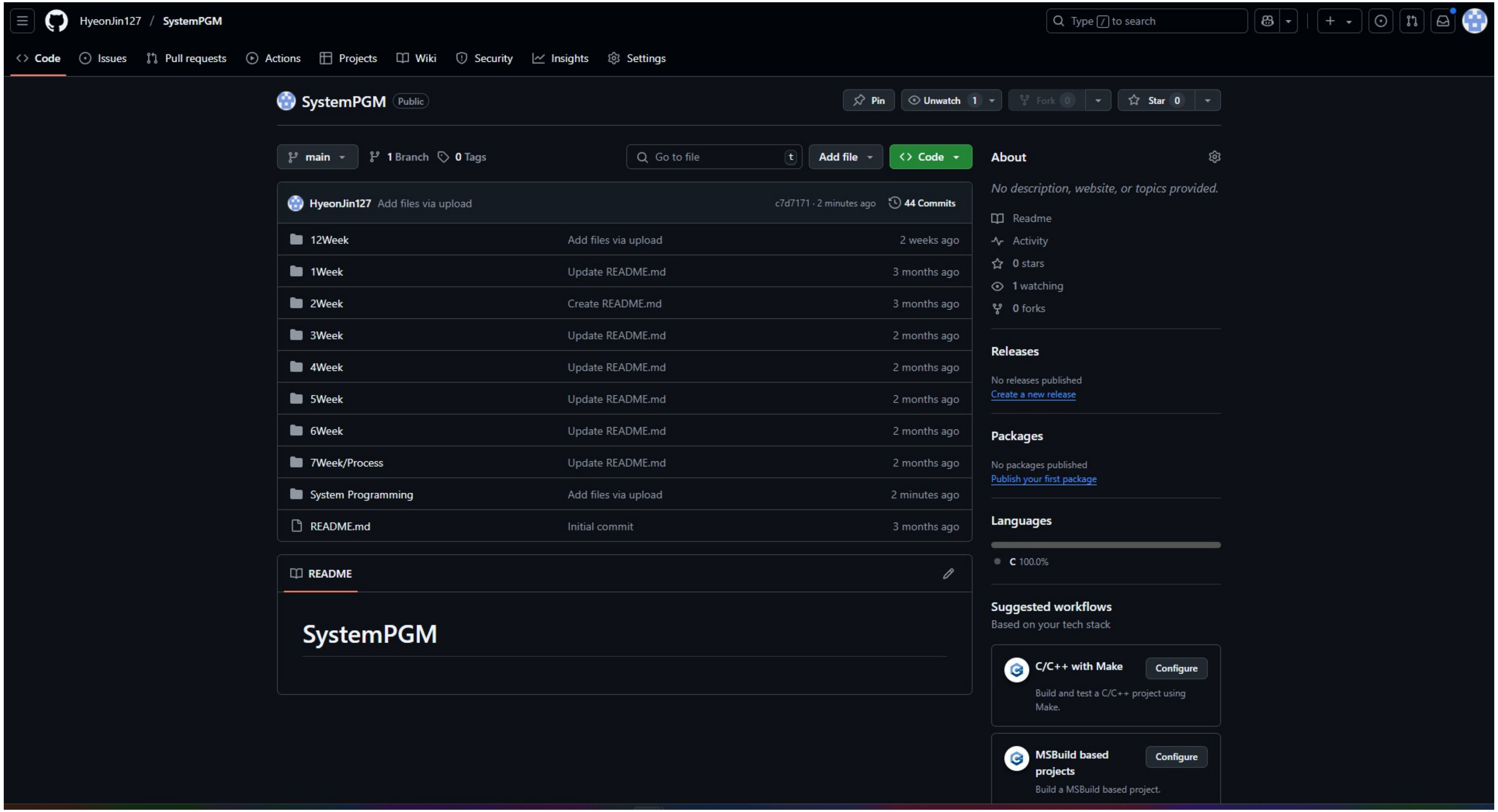
System Programming

2023864019 김현진

Github : https://github.com/HyeonJin127/SystemPGM

깃허브


HyeonJin127 / SystemPGM
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
SystemPGM
Public
Pin
Unwatch 1
Fork 0
Star 0
main
1 Branch
0 Tags
Go to file
t
Add file
Code
About
Readme
Activity
0 stars
1 watching
0 forks
Releases
Packages
Languages
C 100.0%
Suggested workflows
Based on your tech stack
C/C++ with Make
Configure
MSBuild based projects
Configure

HyeonJin127 Add files via upload c7d7171 · 2 minutes ago 44 Commits

12Week	Add files via upload	2 weeks ago
1Week	Update README.md	3 months ago
2Week	Create README.md	3 months ago
3Week	Update README.md	2 months ago
4Week	Update README.md	2 months ago
5Week	Update README.md	2 months ago
6Week	Update README.md	2 months ago
7Week/Process	Update README.md	2 months ago
System Programming	Add files via upload	2 minutes ago
README.md	Initial commit	3 months ago

README

SystemPGM

No description, website, or topics provided.

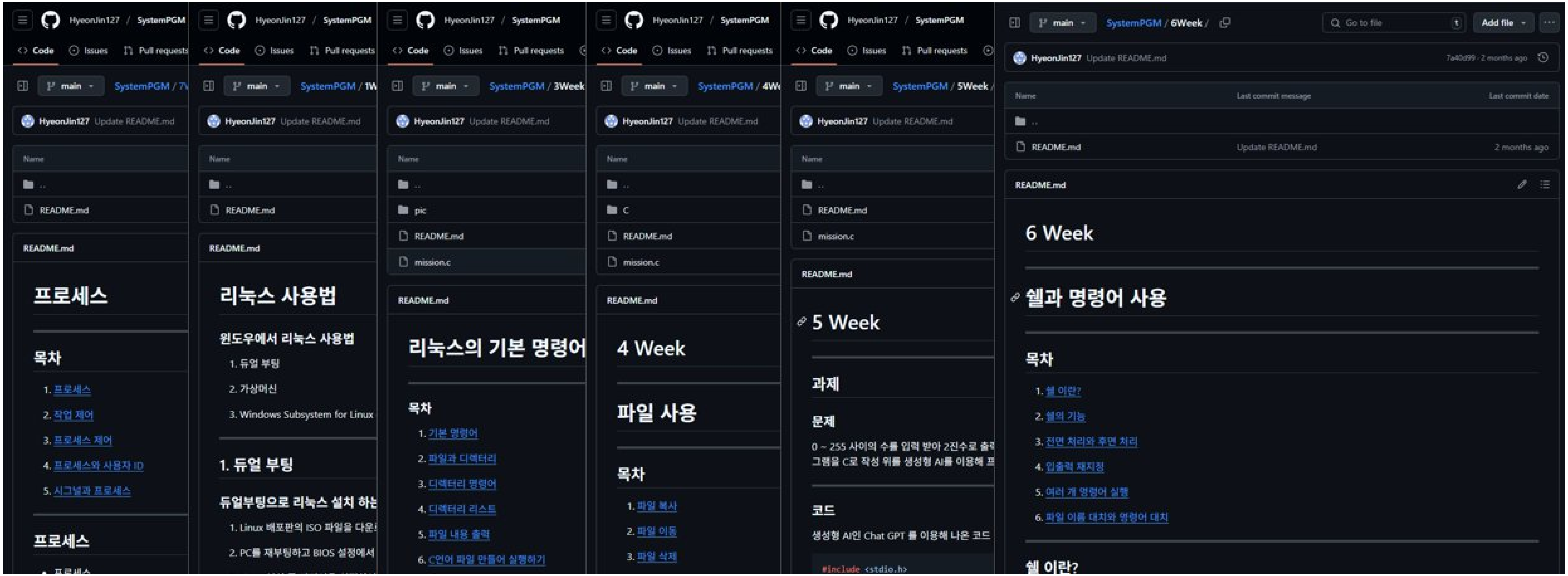
No releases published
Create a new release

No packages published
Publish your first package

Build and test a C/C++ project using Make.

Build a MSBuild based project.

깃허브


HyeonJin127 / SystemPGM
Code
Issues
Pull requests
main
Name
Last commit message
Last commit date
Go to file
Add file
7a40d99 · 2 months ago

SystemPGM / 7
HyeonJin127 Update README.md
..
README.md

README.md

프로세스

목차

1. 프로세스
2. 작업 제어
3. 프로세스 제어
4. 프로세스와 사용자 ID
5. 시그널과 프로세스

프로세스

SystemPGM / 1W
HyeonJin127 Update README.md
..
README.md

README.md

리눅스 사용법

윈도우에서 리눅스 사용법

1. 듀얼 부팅
2. 가상머신
3. Windows Subsystem for Linux

1. 듀얼 부팅

듀얼부팅으로 리눅스 설치 하는

1. Linux 배포판의 ISO 파일을 다운
2. PC를 재부팅하고 BIOS 설정에서

SystemPGM / 3Week
HyeonJin127 Update README.md
..
pic
README.md
mission.c

README.md

리눅스의 기본 명령어

목차

1. 기본 명령어
2. 파일과 디렉터리
3. 디렉터리 명령어
4. 디렉터리 리스트
5. 파일 내용 출력
6. C언어 파일 만들어 실행하기

SystemPGM / 4W
HyeonJin127 Update README.md
..
C
README.md
mission.c

README.md

4 Week

파일 사용

목차

1. 파일 복사
2. 파일 이동
3. 파일 삭제

SystemPGM / 5Week /
HyeonJin127 Update README.md
..
README.md
mission.c

README.md

5 Week

과제

문제

0 ~ 255 사이의 수를 입력 받아 2진수로 출
그램을 C로 작성 위를 생성형 AI를 이용해 프

코드

생성형 AI인 Chat GPT 를 이용해 나온 코드

```
#include <stdio.h>
```

SystemPGM / 6Week /
HyeonJin127 Update README.md
..
README.md | Update README.md | 2 months ago

README.md

6 Week

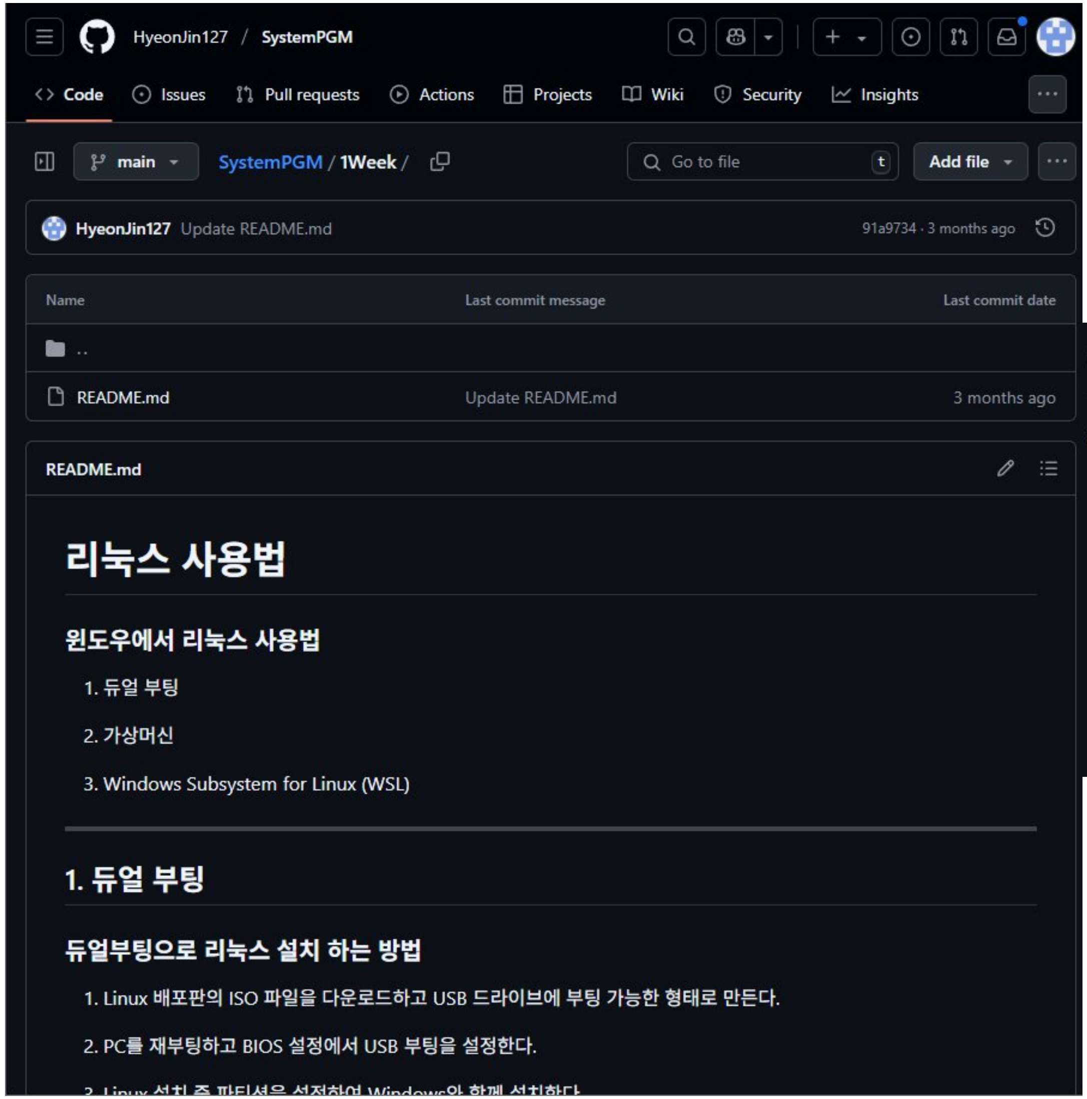
쉘과 명령어 사용

목차

1. 쉘 이란?
2. 쉘의 기능
3. 전면 처리와 후면 처리
4. 입출력 재지정
5. 여러 개 명령어 실행
6. 파일 이름 대치와 명령어 대치

쉘 이란?

깃허브


HyeonJin127 / SystemPGM
Code
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Wiki
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Insights
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Go to file
Add file
Name
Last commit message
Last commit date
README.md

HyeonJin127 Update README.md 91a9734 · 3 months ago

Name	Last commit message	Last commit date
..		
README.md	Update README.md	3 months ago

리눅스 사용법

윈도우에서 리눅스 사용법

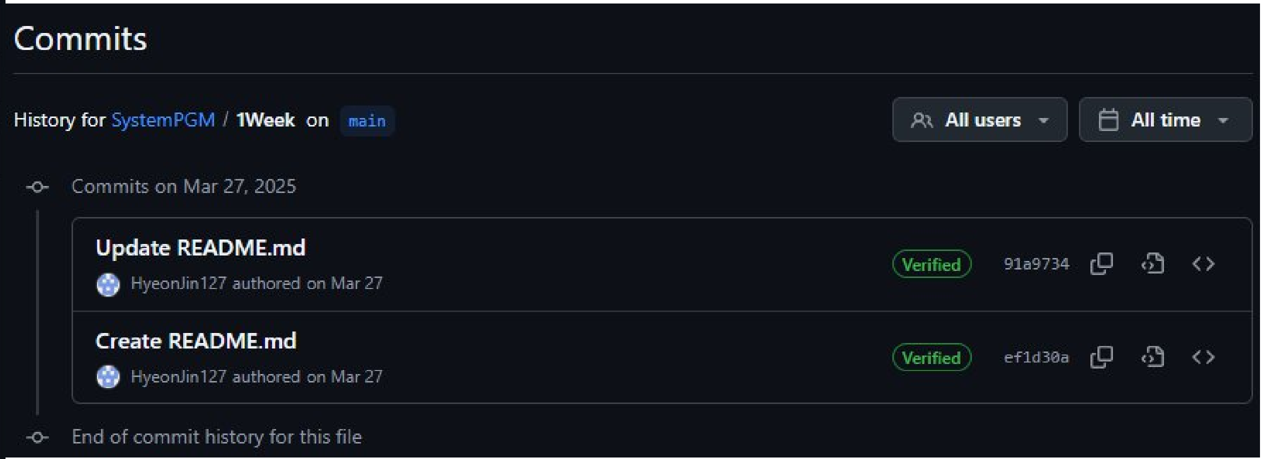
1. 듀얼 부팅
2. 가상머신
3. Windows Subsystem for Linux (WSL)

---

1. 듀얼 부팅

듀얼부팅으로 리눅스 설치 하는 방법

1. Linux 배포판의 ISO 파일을 다운로드하고 USB 드라이브에 부팅 가능한 형태로 만든다.
2. PC를 재부팅하고 BIOS 설정에서 USB 부팅을 설정한다.


Commits
All users
All time
Verified
Verified

History for SystemPGM / 1Week on `main`

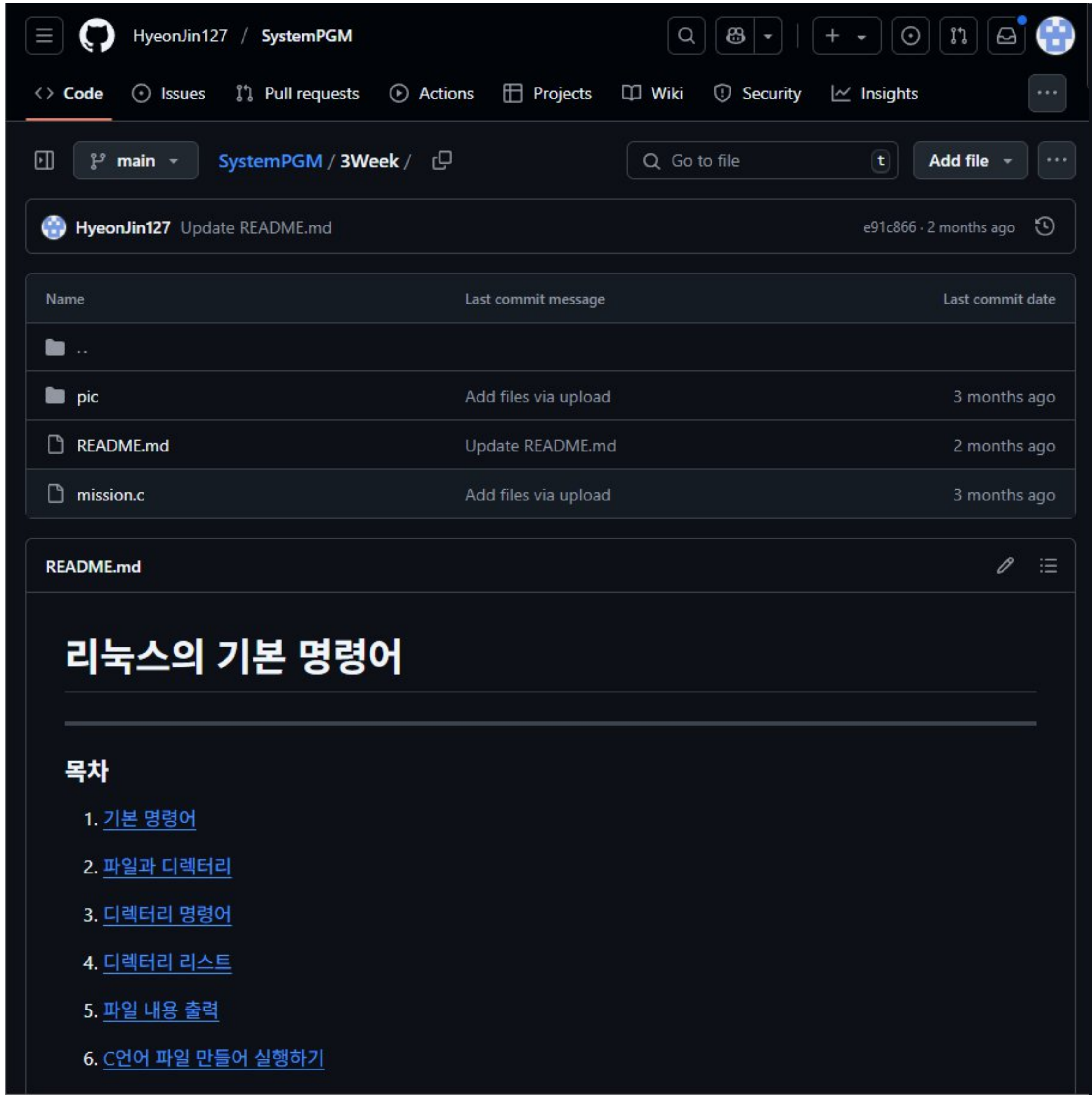
Commits on Mar 27, 2025

Update README.md
HyeonJin127 authored on Mar 27 91a9734

Create README.md
HyeonJin127 authored on Mar 27 ef1d30a

End of commit history for this file

깃허브


HyeonJin127 / SystemPGM
Code
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Pull requests
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Projects
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Go to file
Add file

HyeonJin127 Update README.md e91c866 · 2 months ago

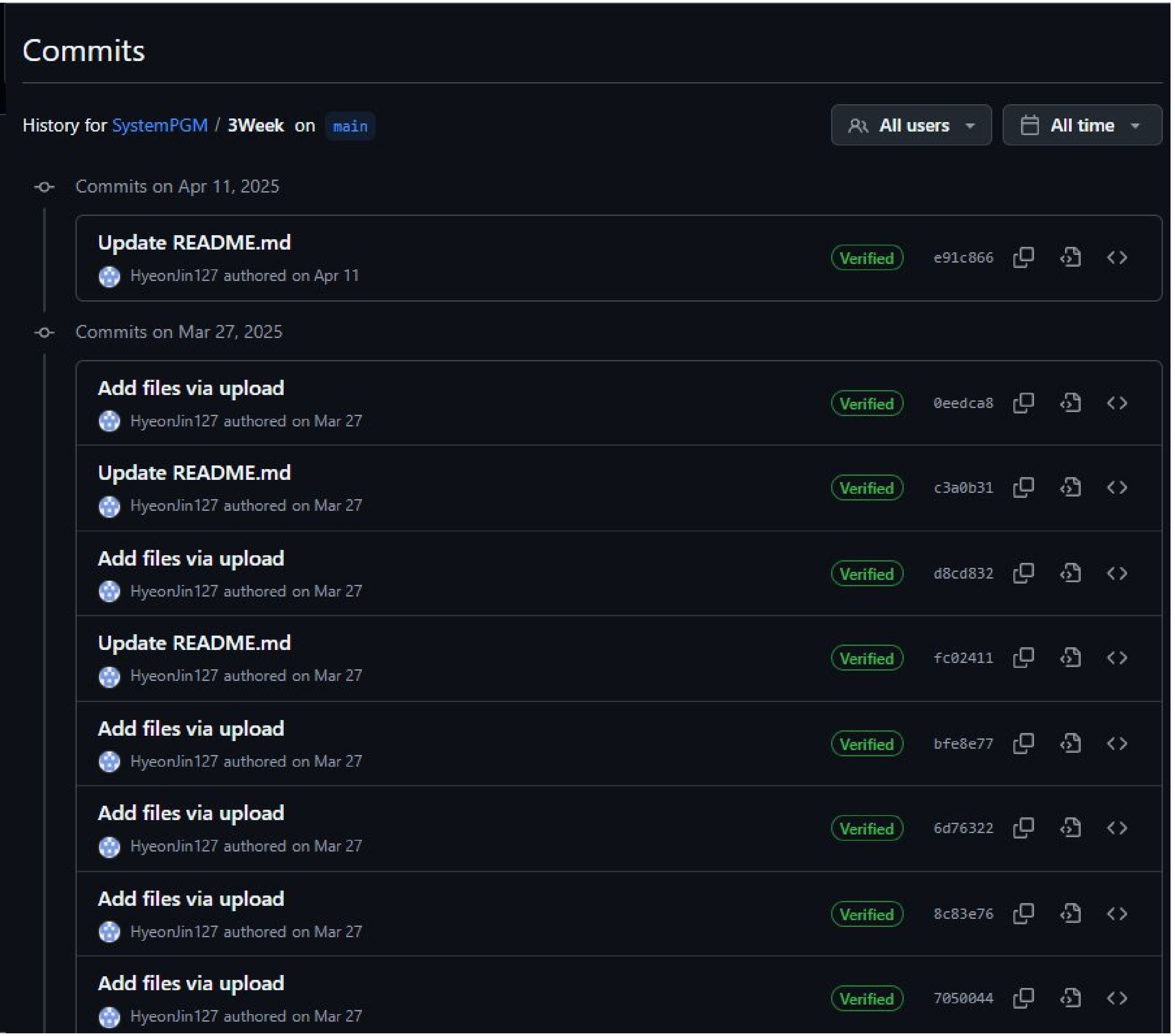
Name	Last commit message	Last commit date
..		
pic	Add files via upload	3 months ago
README.md	Update README.md	2 months ago
mission.c	Add files via upload	3 months ago

README.md

리눅스의 기본 명령어

목차

1. 기본 명령어
2. 파일과 디렉터리
3. 디렉터리 명령어
4. 디렉터리 리스트
5. 파일 내용 출력
6. C언어 파일 만들어 실행하기


All users
All time

Commits

History for SystemPGM / 3Week on `main`

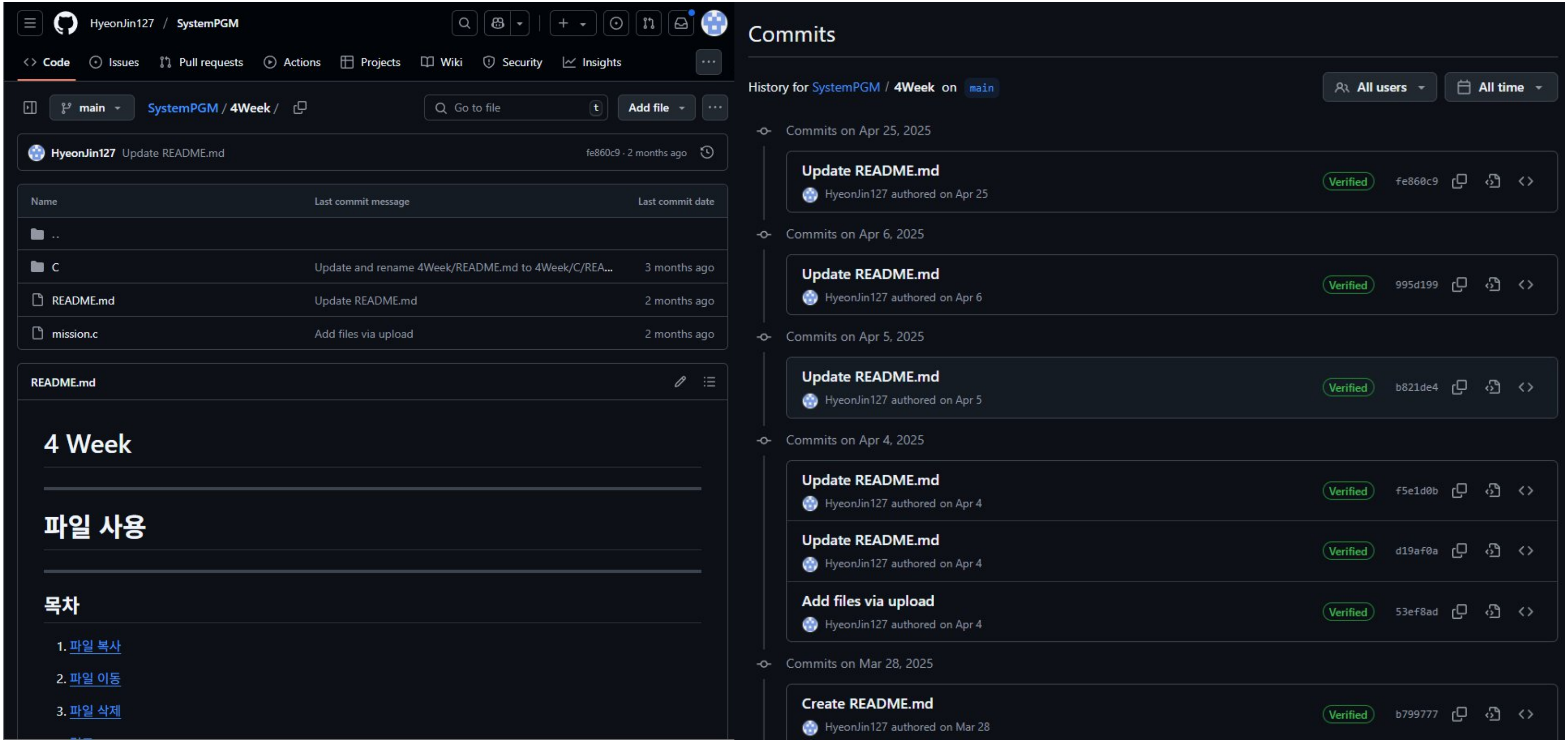
Commits on Apr 11, 2025

- **Update README.md** — HyeonJin127 authored on Apr 11 — Verified — e91c866

Commits on Mar 27, 2025

- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — 0eedca8
- **Update README.md** — HyeonJin127 authored on Mar 27 — Verified — c3a0b31
- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — d8cd832
- **Update README.md** — HyeonJin127 authored on Mar 27 — Verified — fc02411
- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — bfe8e77
- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — 6d76322
- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — 8c83e76
- **Add files via upload** — HyeonJin127 authored on Mar 27 — Verified — 7050044

깃허브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SystemPGM / 4Week /

HyeonJin127 Update README.md fe860c9 · 2 months ago

Name	Last commit message	Last commit date
..		
C	Update and rename 4Week/README.md to 4Week/C/REA...	3 months ago
README.md	Update README.md	2 months ago
mission.c	Add files via upload	2 months ago

README.md

4 Week

파일 사용

목차

1. 파일 복사
2. 파일 이동
3. 파일 삭제

Commits

History for SystemPGM / 4Week on `main`

Commits on Apr 25, 2025

- **Update README.md** – HyeonJin127 authored on Apr 25 – Verified – fe860c9

Commits on Apr 6, 2025

- **Update README.md** – HyeonJin127 authored on Apr 6 – Verified – 995d199

Commits on Apr 5, 2025

- **Update README.md** – HyeonJin127 authored on Apr 5 – Verified – b821de4

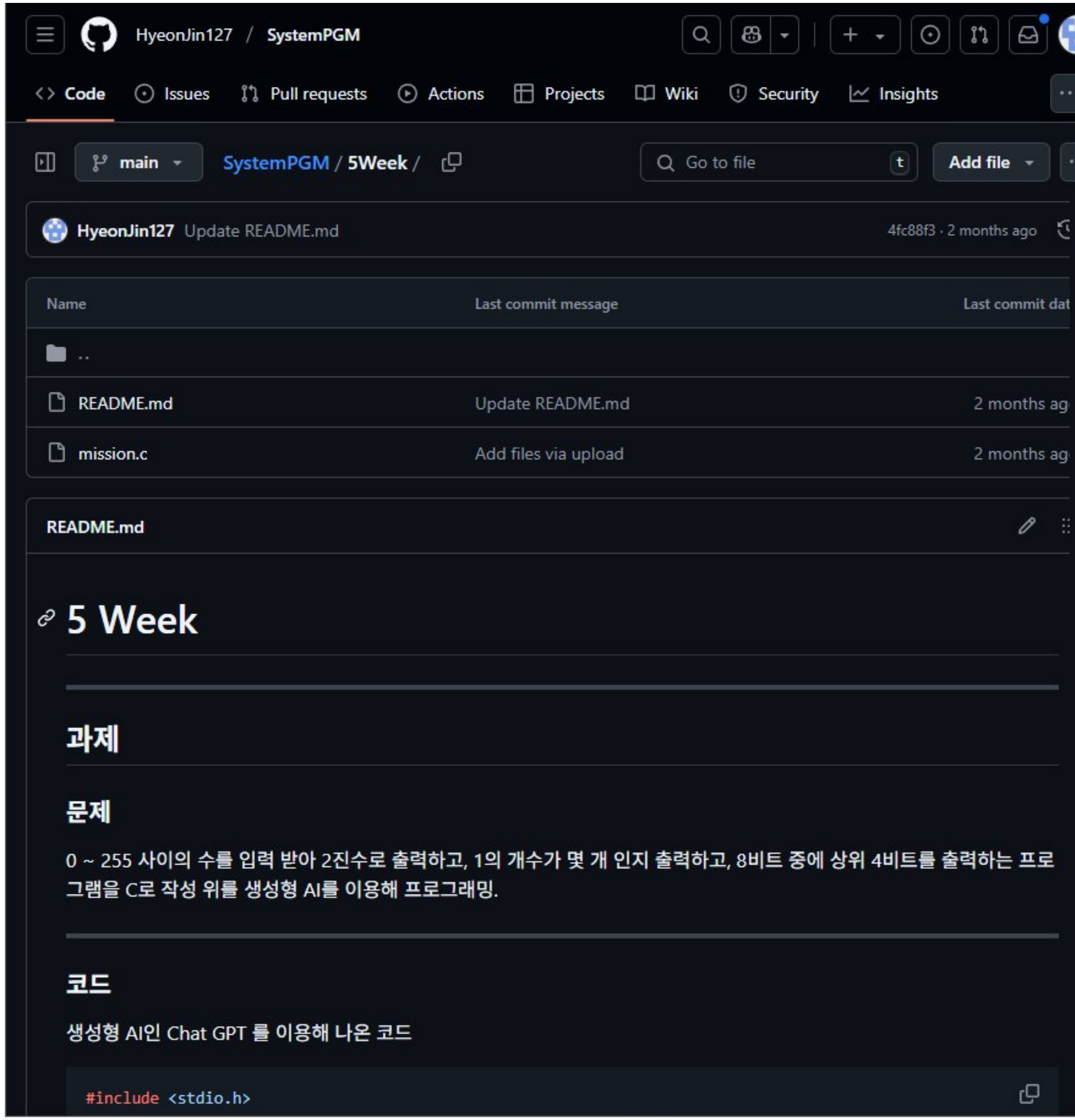
Commits on Apr 4, 2025

- **Update README.md** – HyeonJin127 authored on Apr 4 – Verified – f5e1d0b
- **Update README.md** – HyeonJin127 authored on Apr 4 – Verified – d19af0a
- **Add files via upload** – HyeonJin127 authored on Apr 4 – Verified – 53ef8ad

Commits on Mar 28, 2025

- **Create README.md** – HyeonJin127 authored on Mar 28 – Verified – b799777

깃허브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HyeonJin127 Update README.md 4fc88f3 · 2 months ago

Name	Last commit message	Last commit dat
..		
README.md	Update README.md	2 months ag
mission.c	Add files via upload	2 months ag

README.md

5 Week

과제

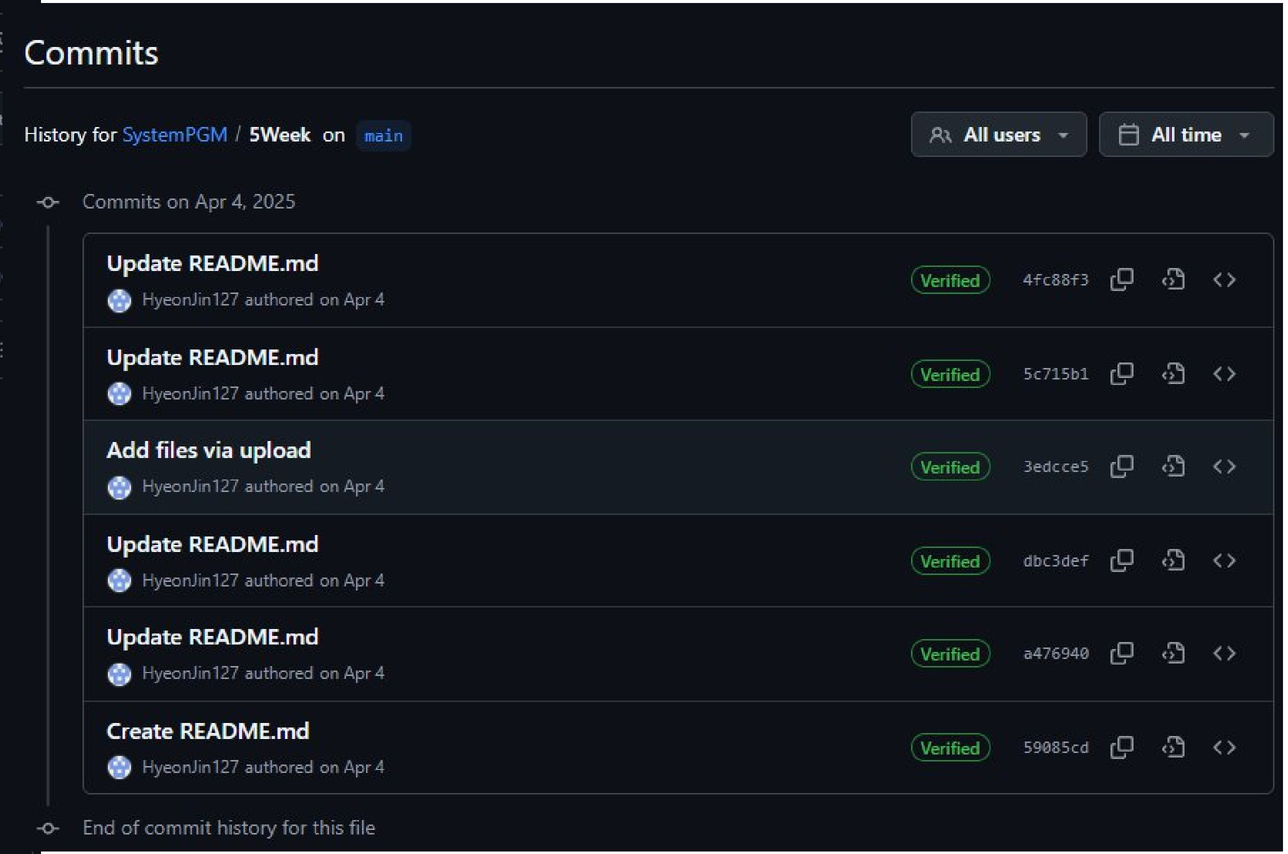
문제

0 ~ 255 사이의 수를 입력 받아 2진수로 출력하고, 1의 개수가 몇 개 인지 출력하고, 8비트 중에 상위 4비트를 출력하는 프로그램을 C로 작성 위를 생성형 AI를 이용해 프로그래밍.

코드

생성형 AI인 Chat GPT 를 이용해 나온 코드

```
#include <stdio.h>
```


All users
All time
Verified

Commits

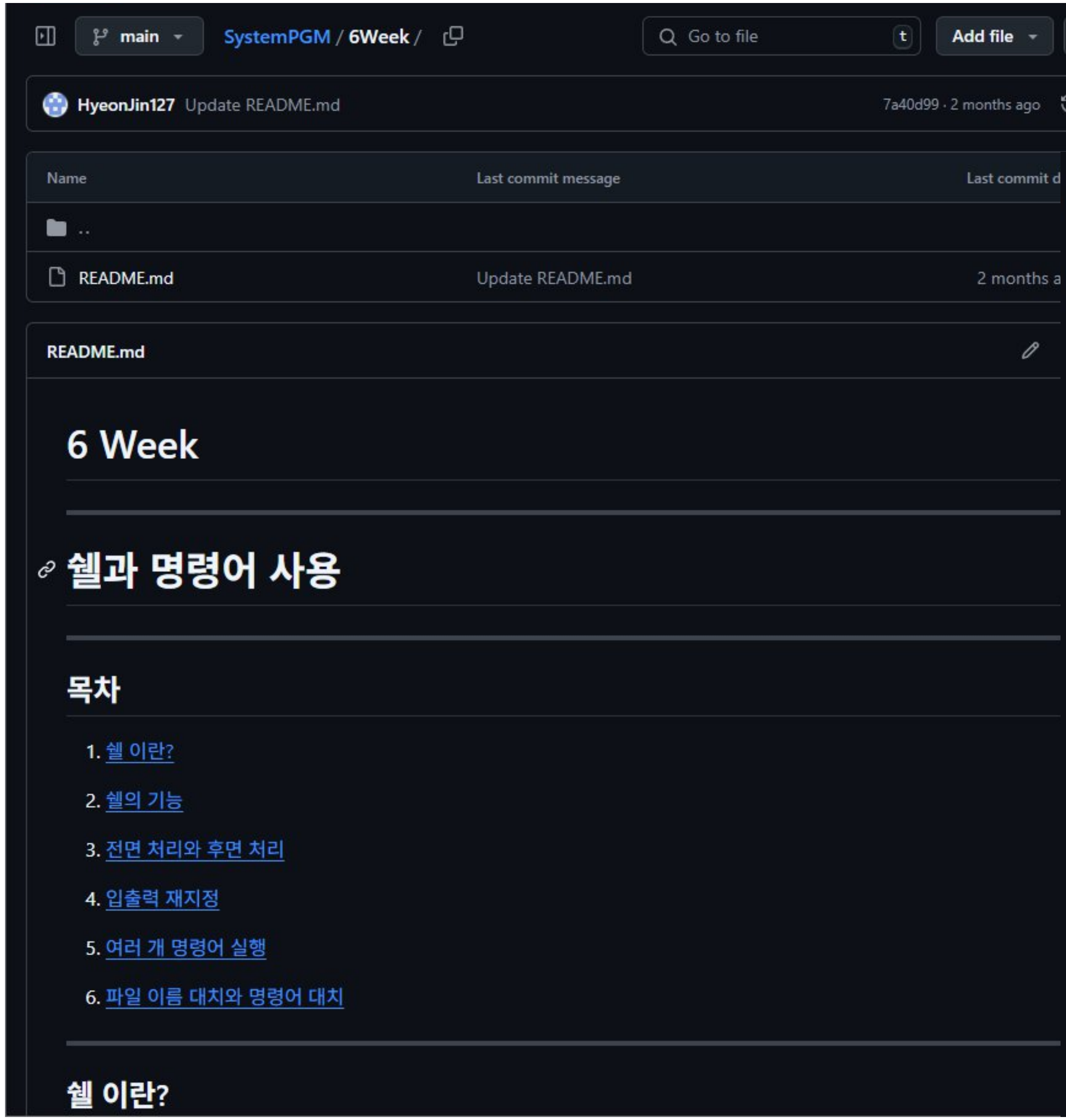
History for SystemPGM / 5Week on `main`

Commits on Apr 4, 2025

Update README.md	HyeonJin127 authored on Apr 4	Verified	4fc88f3
Update README.md	HyeonJin127 authored on Apr 4	Verified	5c715b1
Add files via upload	HyeonJin127 authored on Apr 4	Verified	3edcce5
Update README.md	HyeonJin127 authored on Apr 4	Verified	dbc3def
Update README.md	HyeonJin127 authored on Apr 4	Verified	a476940
Create README.md	HyeonJin127 authored on Apr 4	Verified	59085cd

End of commit history for this file

깃허브



HyeonJin127 Update README.md 7a40d99 · 2 months ago

Name	Last commit message	Last commit d
..		
README.md	Update README.md	2 months a

README.md

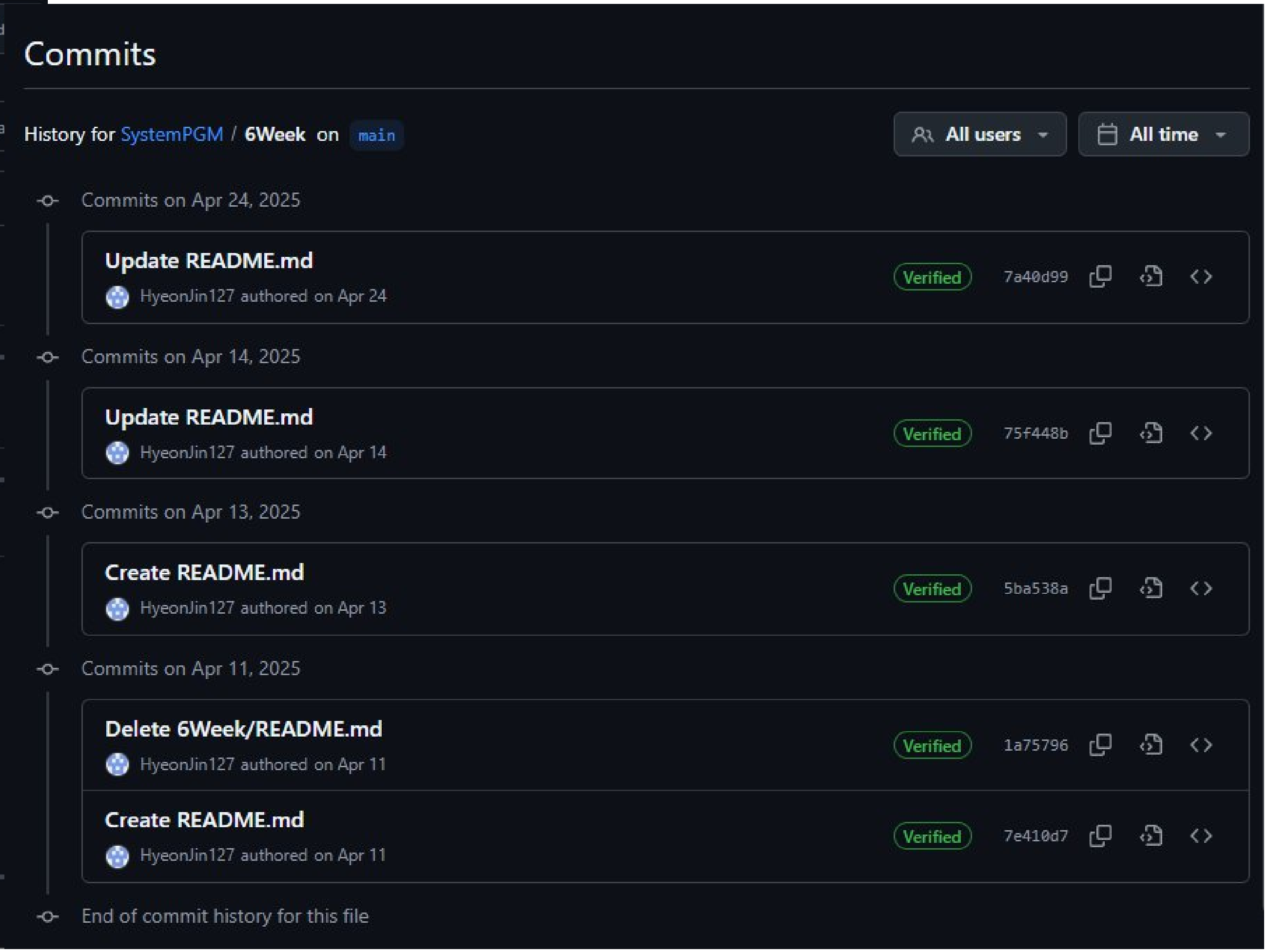
6 Week

쉘과 명령어 사용

목차

1. 쉘 이란?
2. 쉘의 기능
3. 전면 처리와 후면 처리
4. 입출력 재지정
5. 여러 개 명령어 실행
6. 파일 이름 대치와 명령어 대치

쉘 이란?



Commits

History for SystemPGM / **6Week** on `main`

Commits on Apr 24, 2025

Update README.md
HyeonJin127 authored on Apr 24 — Verified — 7a40d99

Commits on Apr 14, 2025

Update README.md
HyeonJin127 authored on Apr 14 — Verified — 75f448b

Commits on Apr 13, 2025

Create README.md
HyeonJin127 authored on Apr 13 — Verified — 5ba538a

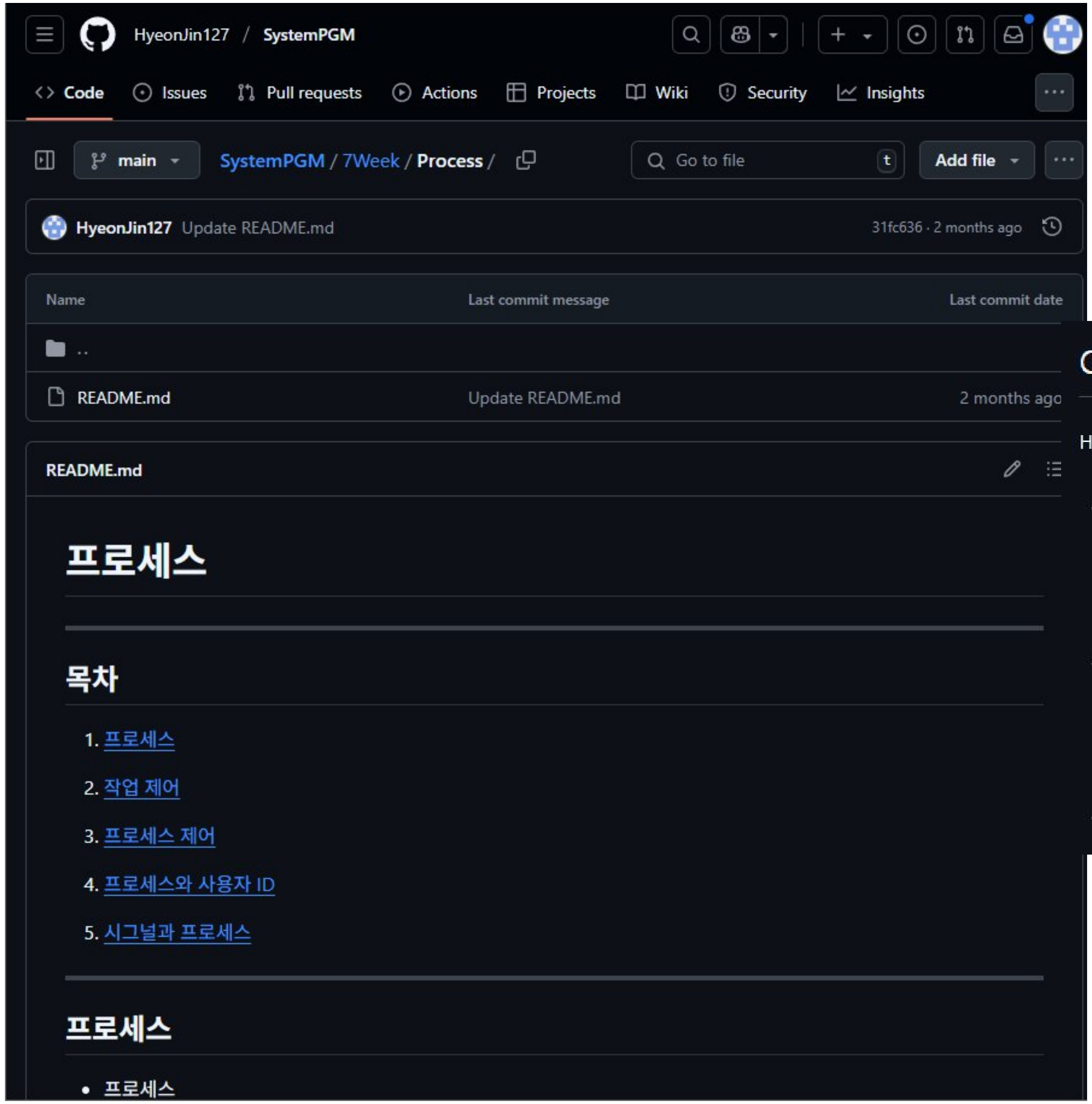
Commits on Apr 11, 2025

Delete 6Week/README.md
HyeonJin127 authored on Apr 11 — Verified — 1a75796

Create README.md
HyeonJin127 authored on Apr 11 — Verified — 7e410d7

End of commit history for this file

깃허브



HyeonJin127 / SystemPGM
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
main
Go to file
Add file

SystemPGM / 7Week / Process /

HyeonJin127 Update README.md 31fc636 · 2 months ago

Name	Last commit message	Last commit date
..		
README.md	Update README.md	2 months ago

README.md

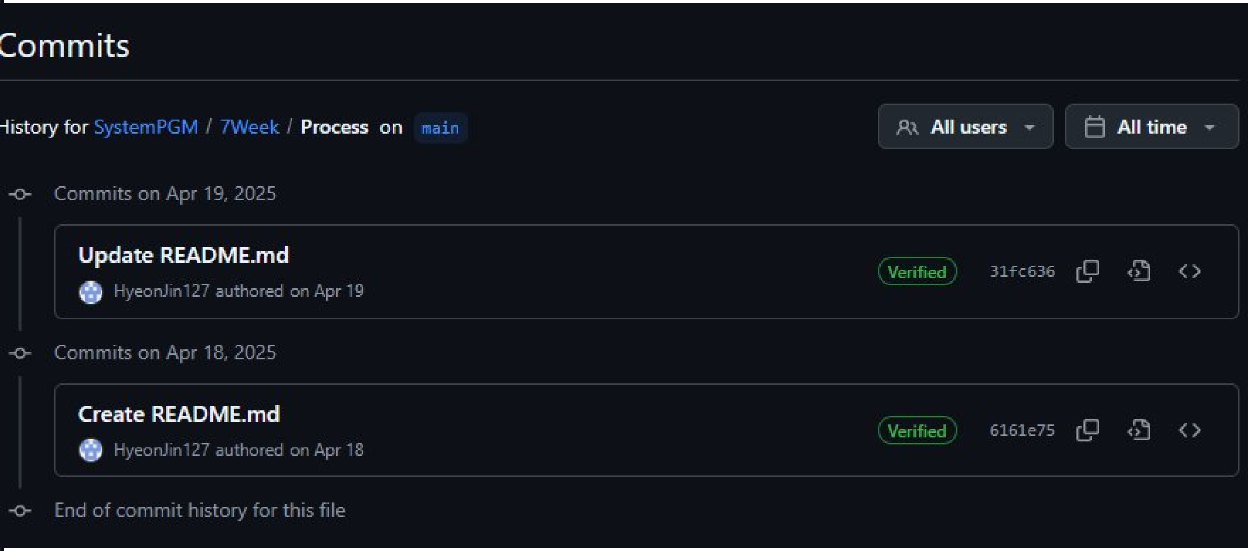
프로세스

목차

1. 프로세스
2. 작업 제어
3. 프로세스 제어
4. 프로세스와 사용자 ID
5. 시그널과 프로세스

프로세스

- 프로세스



All users
All time
Verified
Verified

Commits

History for SystemPGM / 7Week / Process on `main`

Commits on Apr 19, 2025

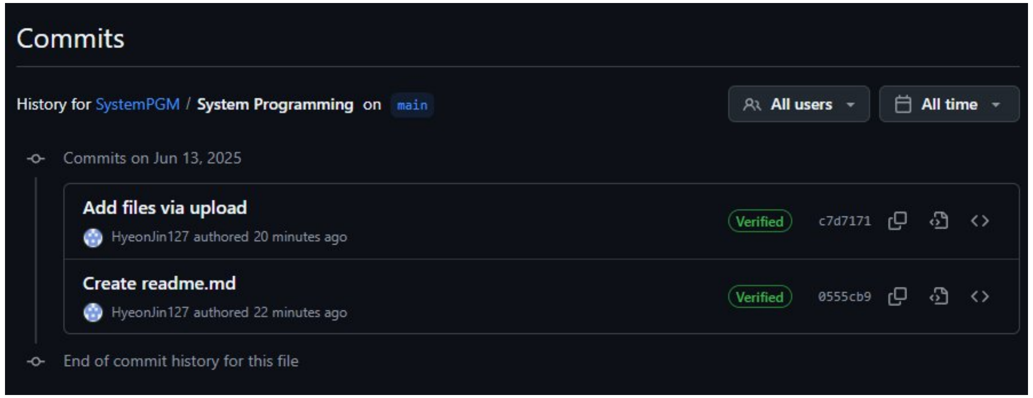
Update README.md
HyeonJin127 authored on Apr 19 31fc636

Commits on Apr 18, 2025

Create README.md
HyeonJin127 authored on Apr 18 6161e75

End of commit history for this file

리눅스 명령어



Commits

History for SystemPGM / System Programming on main

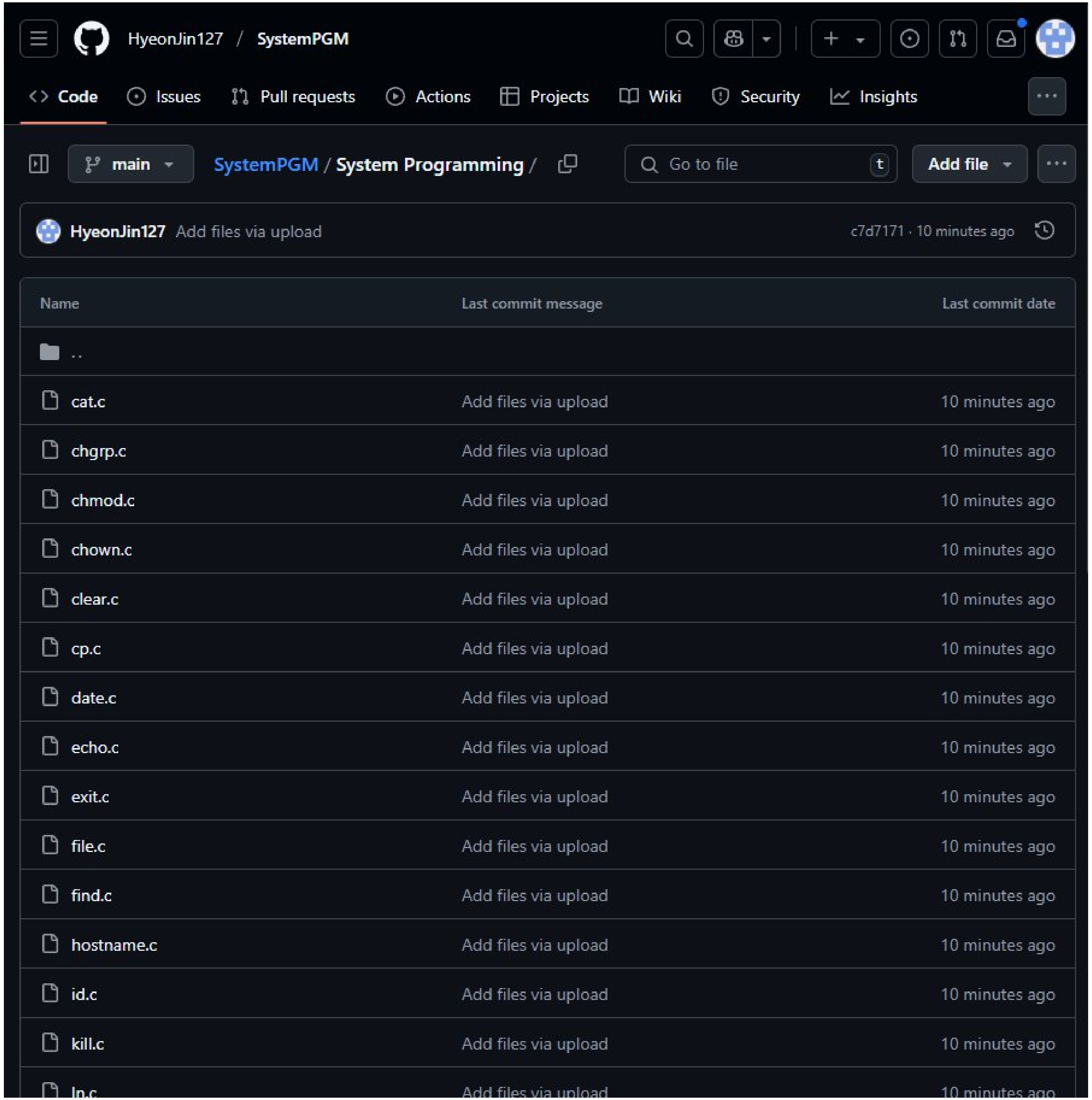
All users
All time

Commits on Jun 13, 2025

Add files via upload
HyeonJin127 authored 20 minutes ago — Verified — c7d7171

Create readme.md
HyeonJin127 authored 22 minutes ago — Verified — 0555cb9

End of commit history for this file



HyeonJin127 / SystemPGM
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Pull requests
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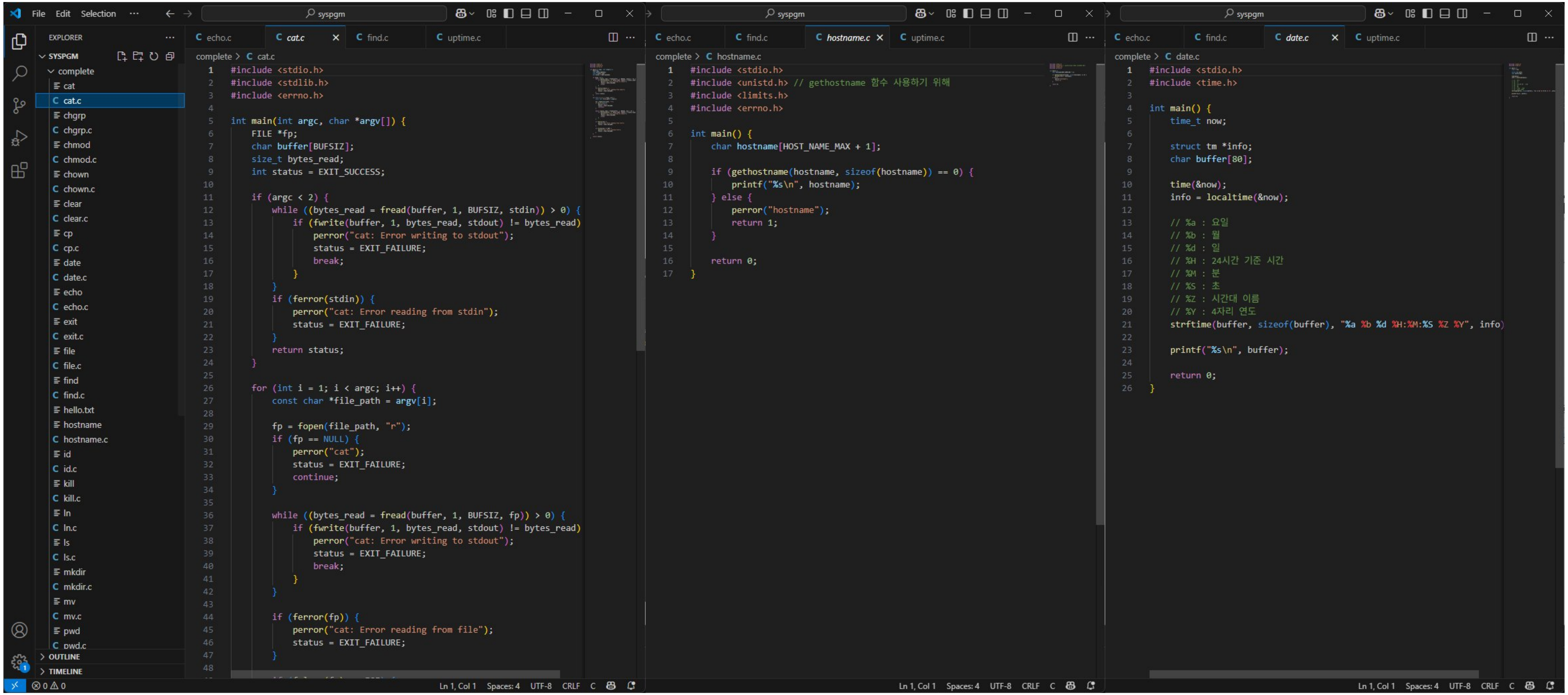
SystemPGM / System Programming /

HyeonJin127 Add files via upload c7d7171 · 10 minutes ago

Name	Last commit message	Last commit date
..		
cat.c	Add files via upload	10 minutes ago
chgrp.c	Add files via upload	10 minutes ago
chmod.c	Add files via upload	10 minutes ago
chown.c	Add files via upload	10 minutes ago
clear.c	Add files via upload	10 minutes ago
cp.c	Add files via upload	10 minutes ago
date.c	Add files via upload	10 minutes ago
echo.c	Add files via upload	10 minutes ago
exit.c	Add files via upload	10 minutes ago
file.c	Add files via upload	10 minutes ago
find.c	Add files via upload	10 minutes ago
hostname.c	Add files via upload	10 minutes ago
id.c	Add files via upload	10 minutes ago
kill.c	Add files via upload	10 minutes ago
ln.c	Add files via upload	10 minutes ago

리눅스 명령어


File
Edit
Selection
syspgm
EXPLORER
SYSPGM
complete
cat
cat.c
chgrp
chgrp.c
chmod
chmod.c
chown
chown.c
clear
clear.c
cp
cp.c
date
date.c
echo
echo.c
exit
exit.c
file
file.c
find
find.c
hello.txt
hostname
hostname.c
id
id.c
kill
kill.c
ln
ln.c
ls
ls.c
mkdir
mkdir.c
mv
mv.c
pwd
pwd.c
OUTLINE
TIMELINE
echo.c
cat.c
find.c
uptime.c
hostname.c
date.c
complete > cat.c
complete > hostname.c
complete > date.c
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
C

```c
#include <stdio.h>
#include <stdlib.h>
#include <errno.h>

int main(int argc, char *argv[]) {
    FILE *fp;
    char buffer[BUFSIZ];
    size_t bytes_read;
    int status = EXIT_SUCCESS;

    if (argc < 2) {
        while ((bytes_read = fread(buffer, 1, BUFSIZ, stdin)) > 0) {
            if (fwrite(buffer, 1, bytes_read, stdout) != bytes_read)
                perror("cat: Error writing to stdout");
                status = EXIT_FAILURE;
                break;
            }
        }
        if (ferror(stdin)) {
            perror("cat: Error reading from stdin");
            status = EXIT_FAILURE;
        }
        return status;
    }

    for (int i = 1; i < argc; i++) {
        const char *file_path = argv[i];

        fp = fopen(file_path, "r");
        if (fp == NULL) {
            perror("cat");
            status = EXIT_FAILURE;
            continue;
        }

        while ((bytes_read = fread(buffer, 1, BUFSIZ, fp)) > 0) {
            if (fwrite(buffer, 1, bytes_read, stdout) != bytes_read)
                perror("cat: Error writing to stdout");
                status = EXIT_FAILURE;
                break;
            }
        }

        if (ferror(fp)) {
            perror("cat: Error reading from file");
            status = EXIT_FAILURE;
        }

```

```c
#include <stdio.h>
#include <unistd.h> // gethostname 함수 사용하기 위해
#include <limits.h>
#include <errno.h>

int main() {
    char hostname[HOST_NAME_MAX + 1];

    if (gethostname(hostname, sizeof(hostname)) == 0) {
        printf("%s\n", hostname);
    } else {
        perror("hostname");
        return 1;
    }

    return 0;
}
```

```c
#include <stdio.h>
#include <time.h>

int main() {
    time_t now;

    struct tm *info;
    char buffer[80];

    time(&now);
    info = localtime(&now);

    // %a : 요일
    // %b : 월
    // %d : 일
    // %H : 24시간 기준 시간
    // %M : 분
    // %S : 초
    // %Z : 시간대 이름
    // %Y : 4자리 연도
    strftime(buffer, sizeof(buffer), "%a %b %d %H:%M:%S %Z %Y", info)

    printf("%s\n", buffer);

    return 0;
}
```

점수

- 깃허브 (15)
  - 업로드 7 / 10
  - 늦게 업로드 한 횟수 : 1
  - 6 * 1.5 + 0.5 = 9.5점

- 명령어 (15)
  - 업로드 50/50
  - 15점

- 총 24.5 점 / 30 점