

# 시스템프로그래밍 코드 정리 및 깃허브 정리

<https://github.com/sungwo0/SystemProgramming>

소프트웨어학과 2020875029 신성우

# 코드 정리

```
stud@DESKTOP-7DQM460:~/ppt$ date  
Thu Jun 12 09:48:23 KST 2025
```

```
stud@DESKTOP-7DQM460:~/ppt$ hostname  
DESKTOP-7DQM460
```

```
stud@DESKTOP-7DQM460:~/ppt$ uname  
Linux
```

```
stud@DESKTOP-7DQM460:~/ppt$ uname -a  
Linux DESKTOP-7DQM460 5.15.167.4-microsoft-standard-WSL2 #1 SMP Tue  
Nov 5 00:21:55 UTC 2024 x86_64 x86_64 x86_64 GNU/Linux
```

```
stud@DESKTOP-7DQM460:~/ppt$ whoami  
stud
```

```
stud@DESKTOP-7DQM460:~/ppt$ who  
stud pts/1 2025-06-12 09:35
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls  
1.c
```

```
stud@DESKTOP-7DQM460:~/ppt$ which ls  
/usr/bin/ls
```

```
stud@DESKTOP-7DQM460:~/ppt$ pwd  
/home/stud/ppt
```

```
stud@DESKTOP-7DQM460:~/ppt$ mkdir test  
stud@DESKTOP-7DQM460:~/ppt$ ls  
1.c  test
```

```
stud@DESKTOP-7DQM460:~/ppt$ rmdir test  
stud@DESKTOP-7DQM460:~/ppt$ ls  
1.c
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls /  
bin          etc  lib.usr-is-merged  mnt  run          srv  var  
bin.usr-is-merged  home  lib64              opt  sbin         sys  
boot          init  lost+found         proc  sbin.usr-is-merged  tmp  
dev           lib   media              root  snap         usr
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls ~  
0321  ppt  snap  software
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls -a  
.  ..  1.c
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls -s  
total 0  
0 1.c
```

```
stud@DESKTOP-7DQM460:~/ppt$ ls -l  
total 0  
-rw-r--r-- 1 stud stud 0 Jun 12 09:36 1.c
```

```
stud@DESKTOP-7DQM460:~/ppt$ touch test.txt
stud@DESKTOP-7DQM460:~/ppt$ ls
1.c  test.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ cat > test1.txt
Hello World!
stud@DESKTOP-7DQM460:~/ppt$ ls
1.c  test.txt  test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ cat test1.txt
Hello World!
```

```
stud@DESKTOP-7DQM460:~/ppt$ wc test1.txt
1  2 13 test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ cp test1.txt test2.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 8
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud  0 Jun 12 09:56 test.txt
-rw-r--r-- 1 stud stud 13 Jun 12 09:57 test1.txt
-rw-r--r-- 1 stud stud 13 Jun 12 10:04 test2.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ mv test2.txt test3.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 8
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud  0 Jun 12 09:56 test.txt
-rw-rw-rw- 1 stud stud 13 Jun 12 14:16 test1.txt
-rw-r--r-- 1 stud stud 13 Jun 12 14:25 test3.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ rm test3.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 4
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud  0 Jun 12 09:56 test.txt
-rw-r--r-- 1 stud stud 13 Jun 12 09:57 test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ ln test1.txt text2.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 8
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud  0 Jun 12 09:56 test.txt
-rw-r--r-- 2 stud stud 13 Jun 12 09:57 test1.txt
-rw-r--r-- 2 stud stud 13 Jun 12 09:57 text2.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ ln -s test1.txt test2.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 8
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud  6 Jun 12 15:03 test.txt
-rw-r--r-- 1 stud stud 14 Jun 12 15:03 test1.txt
lrwxrwxrwx 1 stud stud  9 Jun 12 15:04 test2.txt -> test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ file test.txt
test.txt: empty
stud@DESKTOP-7DQM460:~/ppt$ file test1.txt
test1.txt: ASCII text
```

```
stud@DESKTOP-7DQM460:~/ppt$ chmod g+w,o+rw test1.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 8
-rw-r--r-- 1 stud stud 0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud 0 Jun 12 09:56 test.txt
-rw-rw-rw- 2 stud stud 13 Jun 12 09:57 test1.txt
lrwxrwxrwx 1 stud stud 9 Jun 12 14:12 test2.txt -> test1.txt
-rw-rw-rw- 2 stud stud 13 Jun 12 09:57 text2.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ touch test1.txt
stud@DESKTOP-7DQM460:~/ppt$ ls -l test1.txt
-rw-rw-rw- 2 stud stud 13 Jun 12 14:16 test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen
1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet 10.255.255.254/32 brd 10.255.255.254 scope global lo
        valid_lft forever preferred_lft forever
```

```
stud@DESKTOP-7DQM460:~/ppt$ find . -user stud -print
.
./1.c
./test2.txt
./test.txt
./test1.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ find ~ -type l -print
/home/stud/snap/tree/current
/home/stud/ppt/test2.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ grep -v "Python" test4.txt
Bob is a fan of JavaScript.
Java and C++ are also widely used.
EOF
```

```
stud@DESKTOP-7DQM460:~/ppt$ grep "Python" test4.txt
Alice loves programming in Python.
Charlie prefers Python over Java.
Python is popular among developers.
```

```
stud@DESKTOP-7DQM460:~/ppt$ grep -n "Python" test4.txt
1:Alice loves programming in Python.
3:Charlie prefers Python over Java.
4:Python is popular among developers.
```

```
stud@DESKTOP-7DQM460:~/ppt$ grep "[A-Z][a-z]*" test4.txt
Alice loves programming in Python.
Bob is a fan of JavaScript.
Charlie prefers Python over Java.
Python is popular among developers.
Java and C++ are also widely used.
EOF
```

```
stud@DESKTOP-7DQM460:~/ppt$ sort names.txt
Alice
Bob
Charlie
David
Eve
```

```
stud@DESKTOP-7DQM460:~/ppt$ sort -r names.txt
Eve
David
Charlie
Bob
Alice
```

```
stud@DESKTOP-7DQM460:~/ppt$ sort -n numbers.txt
5
7
13
42
99
```

```
stud@DESKTOP-7DQM460:~/ppt$ sort -nr numbers.txt
99
42
13
7
5
```

```
stud@DESKTOP-7DQM460:~/ppt$ cmp file1.txt file2.txt
stud@DESKTOP-7DQM460:~/ppt$ cmp file1.txt file3.txt
file1.txt file3.txt differ: byte 28, line 2
```

```
stud@DESKTOP-7DQM460:~/ppt$ cmp -l file1.txt file3.txt
28 157 164
29 156 150
30 145 162
31 56 145
32 12 145
cmp: EOF on file1.txt after byte 32
```



```
stud@DESKTOP-7DQM460:~/ppt$ diff -q old.txt new.txt
Files old.txt and new.txt differ
```

```
stud@DESKTOP-7DQM460:~/ppt$ diff old.txt new.txt
2c2
< This is the first file.
---
> This is the second file.
3a4
> And one more line.
```

```
stud@DESKTOP-7DQM460:~/ppt$ split -l 3 sample.txt part_
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 20
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_aa
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ab
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ac
-rw-r--r-- 1 stud stud  8 Jun 12 14:48 part_ad
-rw-r--r-- 1 stud stud 71 Jun 12 14:46 sample.txt
```

```
stud@DESKTOP-7DQM460:~/ppt$ cat part_aa part_ab > part_aab
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 24
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_aa
-rw-r--r-- 1 stud stud 42 Jun 12 14:50 part_aab
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ab
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ac
-rw-r--r-- 1 stud stud  8 Jun 12 14:48 part_ad
-rw-r--r-- 1 stud stud 71 Jun 12 14:46 sample.txt
```

```

stud@DESKTOP-7DQM460:~/ppt$ paste -s part_aa part_ab > part_aaab
stud@DESKTOP-7DQM460:~/ppt$ ls -l
total 28
-rw-r--r-- 1 stud stud  0 Jun 12 09:36 1.c
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_aa
-rw-r--r-- 1 stud stud 42 Jun 12 14:51 part_aaab
-rw-r--r-- 1 stud stud 42 Jun 12 14:50 part_aab
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ab
-rw-r--r-- 1 stud stud 21 Jun 12 14:48 part_ac
-rw-r--r-- 1 stud stud  8 Jun 12 14:48 part_ad
-rw-r--r-- 1 stud stud 71 Jun 12 14:46 sample.txt

```

```

stud@DESKTOP-7DQM460:~/ppt$ df

```

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
none	4048472	0	4048472	0%	/usr/lib/modules/5.15.167.4-micros
oft-standard-WSL2					
none	4048472	4	4048468	1%	/mnt/wsl
drivers	487573700	446856096	40717604	92%	/usr/lib/wsl/drivers
/dev/sdc	1055762868	2126052	999933344	1%	/
none	4048472	108	4048364	1%	/mnt/wslg
none	4048472	0	4048472	0%	/usr/lib/wsl/lib
rootfs	4044980	2372	4042608	1%	/init
none	4048472	792	4047680	1%	/run
none	4048472	0	4048472	0%	/run/lock
none	4048472	0	4048472	0%	/run/shm
tmpfs	4096	0	4096	0%	/sys/fs/cgroup
none	4048472	76	4048396	1%	/mnt/wslg/versions.txt
none	4048472	76	4048396	1%	/mnt/wslg/doc
C:\	487573700	446856096	40717604	92%	/mnt/c
D:\	1953497084	1681557632	271939452	87%	/mnt/d
snapfuse	75776	75776	0	100%	/snap/core22/1963
snapfuse	4608	4608	0	100%	/snap/tree/54
snapfuse	45568	45568	0	100%	/snap/snapd/23771
snapfuse	52224	52224	0	100%	/snap/snapd/24505
tmpfs	809692	16	809676	1%	/run/user/1000
snapfuse	75776	75776	0	100%	/snap/core22/1981

```
stud@DESKTOP-7DQM460:~/ppt$ stat sample.txt
  File: sample.txt
  Size: 71          Blocks: 8          IO Block: 4096   regular file
Device: 8,32   Inode: 50838       Links: 1
Access: (0644/-rw-r--r--)  Uid: ( 1000/   stud)   Gid: ( 1000/   stud)
Access: 2025-06-12 14:46:14.149853891 +0900
Modify: 2025-06-12 14:46:10.983789825 +0900
Change: 2025-06-12 14:46:10.983789825 +0900
 Birth: 2025-06-12 14:46:10.983789825 +0900
```

```
stud@DESKTOP-7DQM460:~/ppt$ ps
  PID TTY          TIME CMD
  388 pts/0        00:00:00 bash
  915 pts/0        00:00:00 man
  923 pts/0        00:00:00 pager
 1680 pts/0        00:00:00 ps
```

```
stud@DESKTOP-7DQM460:~/ppt$ du
12  .
```

# 1주차 디렉토리 및 히스토리

SystemProgramming / 0307 /


 sungwo0 Update README.md 2abab74 · 3 months ago  History


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

...













































Commits

History for SystemProgramming / 0307 on `main`

 All users

 All time

Commits on Mar 20, 2025

Update README.md  sungwo0 authored on Mar 20	Verified	2abab74	  
Update README.md  sungwo0 authored on Mar 20	Verified	425612c	  
Update README.md  sungwo0 authored on Mar 20	Verified	f9fb1c9	  
Update README.md  sungwo0 authored on Mar 20	Verified	9b8ddc9	  
Update README.md  sungwo0 authored on Mar 20	Verified	69405d9	  
Update README.md  sungwo0 authored on Mar 20	Verified	1c69a73	  
Update README.md  sungwo0 authored on Mar 20	Verified	26852e1	  
Update README.md  sungwo0 authored on Mar 20	Verified	848b165	  
Update README.md  sungwo0 authored on Mar 20	Verified	ac5e7fc	  
Update README.md  sungwo0 authored on Mar 20	Verified	94ef554	  
Update README.md  sungwo0 authored on Mar 20	Verified	087883f	  

# 2주차 디렉토리 및 히스토리

SystemProgramming / 0314 /



Commits

sungwo0 Update README.md

a11ceb9 · 3 months ago

History

History for SystemProgramming / 0314 on `main`

All users

All time

Commits on Mar 20, 2025

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

Update README.md

sungwo0 authored on Mar 20

Verified

a11ceb9

Update README.md

sungwo0 authored on Mar 20

Verified

f4cd4ff

Update README.md

sungwo0 authored on Mar 20

Verified

fd8ed22

Update README.md

sungwo0 authored on Mar 20

Verified

d2693db

Update README.md

sungwo0 authored on Mar 20

Verified

74e89f4

Update README.md

sungwo0 authored on Mar 20

Verified

a04f133

Update README.md

sungwo0 authored on Mar 20

Verified

79b2269

Update README.md

sungwo0 authored on Mar 20

Verified

47e7753

Update README.md

sungwo0 authored on Mar 20

Verified

6328053

Update README.md

sungwo0 authored on Mar 20

Verified

328bde3

Update README.md

sungwo0 authored on Mar 20

Verified

0534114

# 3주차 디렉토리 및 히스토리

SystemProgramming / 0321 /



Commits

sungwo0 Update README.md 8d6dbb3 · 3 months ago History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	3 months ago
hello.c	Create hello.c	3 months ago
student.c	Create student.c	3 months ago

History for SystemProgramming / 0321 / README.md on main

All users

All time

Commits on Mar 27, 2025

- Update README.md

sungwo0 authored on Mar 27

Verified 8d6dbb3
- Update README.md

sungwo0 authored on Mar 27

Verified 2aa8912
- Update README.md

sungwo0 authored on Mar 27

Verified d7d8bc4
- Update README.md

sungwo0 authored on Mar 27

Verified 8fc1ca5

Commits on Mar 21, 2025

- Update README.md

sungwo0 authored on Mar 21

Verified cc43379
- Update README.md

sungwo0 authored on Mar 21

Verified f0e1765
- Create README.md

sungwo0 authored on Mar 21

Verified 291b54e

End of commit history for this file

# 4주차 디렉토리 및 히스토리

SystemProgramming / 0328 /



Commits



sungwo0 Update README.md

9576b9f · 2 months ago

History

History for SystemProgramming / 0328 on `main`

All users

All time

Name	Last commit message	Last commit date
..		
README.md	Update README.md	2 months ago
alphabet.c	Create alphabet.c	3 months ago

Commits on Apr 3, 2025

Update README.md

sungwo0 authored on Apr 3

Verified

9576b9f



Commits on Mar 28, 2025

Create alphabet.c

sungwo0 authored on Mar 28

Verified

73022af



Update README.md

sungwo0 authored on Mar 28

Verified

9dfcb12



Update README.md

sungwo0 authored on Mar 28

Verified

5da3ba2



Update README.md

sungwo0 authored on Mar 28

Verified

69dd975



Create README.md

sungwo0 authored on Mar 28

Verified

c44f537



End of commit history for this file

# 5주차 디렉토리 및 히스토리

SystemProgramming / 0404 /



sungwo0 Update README.md

6cae3f6 · 2 months ago History

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

## Commits

History for SystemProgramming / 0404 on main

All users

All time

Commits on Apr 10, 2025

Update README.md

sungwo0 authored on Apr 10

Verified

6cae3f6



Commits on Apr 4, 2025

Update README.md

sungwo0 authored on Apr 4

Verified

8190f53



Create binarynumber.c

sungwo0 authored on Apr 4

Verified

4c5eee4



Create README.md

sungwo0 authored on Apr 4

Verified

0449f68



End of commit history for this file



# 6주차 디렉토리 및 히스토리

SystemProgramming / 0411 /



sungwo0 Update README.md

a4cd381 · now History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	now



## Commits

History for SystemProgramming / 0411 on `main`

All users

All time

Commits on Jun 12, 2025

### Update README.md

sungwo0 authored now

Verified

a4cd381



### Update README.md

sungwo0 authored 6 hours ago

Verified

2d544c5



Commits on Apr 17, 2025

### Update README.md

sungwo0 authored on Apr 17

Verified

b45fc61



Commits on Apr 11, 2025

### Update README.md

sungwo0 authored on Apr 11

Verified

635868e



### Create README.md

sungwo0 authored on Apr 11

Verified

093e897



End of commit history for this file

# 7주차 디렉토리 및 히스토리

SystemProgramming / 0418 /



sungwo0 Update README.md a697fa4 · 1 minute ago History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	1 minute ago
longest.c	Create longest.c	2 months ago

## Commits

History for SystemProgramming / 0418 on `main`

All users

All time

Commits on Jun 12, 2025

### Update README.md

sungwo0 authored 1 minute ago

Verified

a697fa4



Commits on Apr 18, 2025

### Update README.md

sungwo0 authored on Apr 18

Verified

be83ad9



### Create longest.c

sungwo0 authored on Apr 18

Verified

95cbc9a



### Create README.md

sungwo0 authored on Apr 18

Verified

a8c25a1



End of commit history for this file

# 9주차 디렉토리 및 히스토리

SystemProgramming / 0502 /



## Commits

sungwo0 Update README.md

cb9ed77 · last month History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	last month
argument.c	Create argument.c	last month
openex1.c	Create openex1.c	last month
openex2.c	Create openex2.c	last month

History for SystemProgramming / 0502 on `main`

All users

All time

Commits on May 8, 2025

Update README.md

sungwo0 authored on May 8

Verified

cb9ed77



Commits on May 2, 2025

Create openex2.c

sungwo0 authored on May 2

Verified

264bf3c



Create openex1.c

sungwo0 authored on May 2

Verified

ecc9c3c



Create argument.c

sungwo0 authored on May 2

Verified

a9d69a2



Create README.md

sungwo0 authored on May 2

Verified

4213750



End of commit history for this file

# 10주차 디렉토리 및 히스토리

SystemProgramming / 0509 /



## Commits

sungwo0 Update README.md

139fe59 · last month

History

Name	Last commit message	Last commit date
..		
Copy.c	Create Copy.c	last month
Dup.c	Create Dup.c	last month
README.md	Update README.md	last month
dbcreate.c	Create dbcreate.c	last month
dbquery.c	Create dbquery.c	last month
list2.c	Create list2.c	last month
student.h	Create student.h	last month

History for SystemProgramming / 0509 on main

All users

All time

Commits on May 15, 2025

### Update README.md

sungwo0 authored last month

Verified

139fe59

<>

Commits on May 9, 2025

### Create list2.c

sungwo0 authored on May 9

Verified

74694a1

<>

### Update README.md

sungwo0 authored on May 9

Verified

49719c3

<>

### Create dbquery.c

sungwo0 authored on May 9

Verified

820178e

<>

### Create dbcreate.c

sungwo0 authored on May 9

Verified

9191487

<>

### Create student.h

sungwo0 authored on May 9

Verified

ac5e05f

<>

### Create Dup.c

sungwo0 authored on May 9

Verified

86e66e2

<>

### Create Copy.c

sungwo0 authored on May 9

Verified

3767c56

<>

### Create README.md

sungwo0 authored on May 9

Verified

28bd74d

<>

# 11주차 디렉토리 및 히스토리

SystemProgramming / 0516 /



Commits

sungwo0 Update README.md

88d362c · 3 weeks ago History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	3 weeks ago
rlink.c	Create rlink.c	3 weeks ago

History for SystemProgramming / 0516 on `main`

All users ▾

All time ▾

Commits on May 22, 2025

Update README.md

sungwo0 authored 3 weeks ago

Verified

88d362c



Create rlink.c

sungwo0 authored 3 weeks ago

Verified

009e183



Update README.md

sungwo0 authored 3 weeks ago

Verified

c956d5c



Create README.md

sungwo0 authored 3 weeks ago

Verified

5737cc8



End of commit history for this file

# 12주차 디렉토리 및 히스토리

SystemProgramming / 0523 /



sungwo0 Update README.md

4b3b02a · 2 weeks ago

History

Name	Last commit message	Last commit date
..		
README.md	Update README.md	2 weeks ago
fork1	0523	3 weeks ago
fork1.c	0523	3 weeks ago
fork2	0523	3 weeks ago
fork2.c	0523	3 weeks ago
fork3	0523	3 weeks ago
fork3.c	0523	3 weeks ago
fork4	0523	3 weeks ago
fork4.c	0523	3 weeks ago
fork5	0523	3 weeks ago
fork5.c	0523	3 weeks ago

## Commits

History for SystemProgramming / 0523 on main

All users

All time

Commits on May 29, 2025

### Update README.md

sungwo0 authored 2 weeks ago

Verified

4b3b02a



Commits on May 23, 2025

### Update README.md

sungwo0 authored 3 weeks ago

Verified

f9e380a



### 0523

sungwo0 committed 3 weeks ago

4166ba6



End of commit history for this file

# 점수 : $15 + 12 = 27$

- ▶ 우분트 내에서 다양한 코드들을 활용해서 정리를 하였기때문에 **15점**을 생각하였습니다.
- ▶ 6주차 및 7주차를 늦게 제출 하였기 때문에 3점을 깎 **12점**을 생각하였습니다.