〈 소스코드 〉

```c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <errno.h>
#include <fcntl.h>
#include <sys/stat.h>
#include <sys/types.h>
#define MAX_BUF 64

int main(int argc, char *argv[]){
        int fd1, fd2, read_size, write_size;
        char buf[MAX_BUF];
        struct stat ms;

        if(argc != 3){
                printf("USAGE : %s input_file_name output_file_name\n", argv[0]);
                exit(-1);
        }

        fd1 = open(argv[1], O_RDONLY);
        if(fd1 < 0){
                printf("Can't open %s file with errno %d\n", argv[1], errno);
                exit(-1);
        }
        fstat(fd1, &ms);
        fd2 = open(argv[2], O_RDWR | O_CREAT | O_EXCL, ms.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO));
        if(fd2 < 0){
                exit(-1);
        }
        while(1){
                read_size = read(fd1, buf, MAX_BUF);
                if(read_size == 0){
                        break;
                }
                write_size = write(fd2, buf, read_size);
        }
        close(fd1);
        close(fd2);
}
~
```

〈 실행화면 〉

```
sys163006@embedded:~$ ls
addprt.c        a.out           mycat.c    mycp.c    new_1.txt  p5.c  p7.c       stack.c  tst.c
alphabet.txt    examples.desktop mycat.out  newfile.txt p4.c      p6.c  redirect   test.c   tt.txt
sys163006@embedded:~$ gcc -o mycp mycp.c
sys163006@embedded:~$ ./mycp test.c testt.c
sys163006@embedded:~$ ls-l
ls-l: command not found
sys163006@embedded:~$ ls -l
total 104
-rw-rw-r-- 1 sys163006 sys163006  620 10월  19 08:42 addprt.c
-rwxrw-r-- 1 sys163006 sys163006   46 10월  19 12:21 alphabet.txt
-rwxrwxr-x 1 sys163006 sys163006 5836 10월  23 23:15 a.out
-rw-r--r-- 1 sys163006 sys163006 8980  4월  20  2016 examples.desktop
-rw-rw-r-- 1 sys163006 sys163006  465 10월  18 19:23 mycat.c
-rwxrwxr-x 1 sys163006 sys163006 5276 10월  18 19:23 mycat.out
-rwxrwxr-x 1 sys163006 sys163006 5836 10월  23 23:18 mycp
-rw-rw-r-- 1 sys163006 sys163006  797 10월  23 23:15 mycp.c
-rw-rw-r-- 1 sys163006 sys163006    9 10월  18 19:48 newfile.txt
-rw-rw-r-- 1 sys163006 sys163006   10 10월  18 20:02 new_1.txt
-rw-rw-r-- 1 sys163006 sys163006  753 10월  18 22:23 p4.c
-rw-rw-r-- 1 sys163006 sys163006  629 10월  18 20:01 p5.c
-rw-rw-r-- 1 sys163006 sys163006  499 10월  18 20:19 p6.c
-rw-rw-r-- 1 sys163006 sys163006  618 10월  19 12:20 p7.c
-rwxrwxr-x 1 sys163006 sys163006 5484 10월  19 12:21 redirect
-rw-rw-r-- 1 sys163006 sys163006  526 10월  19 00:54 stack.c
-rw-rw-r-- 1 sys163006 sys163006   86 10월  23 23:17 test.c
-rw-rw-r-- 1 sys163006 sys163006   86 10월  23 23:18 testt.c
-rw-rw-r-- 1 sys163006 sys163006  518 10월  18 19:16 tst.c
-rw------- 1 sys163006 sys163006   15 10월  18 20:19 tt.txt
sys163006@embedded:~$ more test.c
#include<stdio.h>

void main(){
        printf("쉽지않은 과제였다아 ..........");
}
sys163006@embedded:~$ more testt.c
#include<stdio.h>

void main(){
        printf("쉽지않은 과제였다아 ..........");
}
sys163006@embedded:~$ whoami
sys163006
sys163006@embedded:~$ date
2019. 10. 23. (수 ) 23:19:15 KST
sys163006@embedded:~$
```