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1. 소스코드

#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

#include <fcntl.h>

#include <sys/types.h>

#include <sys/time.h>

#define SEC\_TO\_MICRO 1000000

#define CREAT\_MODE (S\_IRUSR | S\_IWUSR | S\_IRGRP | S\_IROTH)

char buf1[] = "1234567890";

char buf2[] = "ABCDEFGHIJ";

int main(int argc, char\*\* argv){

struct timeval begin\_t, end\_t;

char \*fname = "ssu\_hole.txt";

int fd;

gettimeofday(&begin\_t, NULL);

if((fd = creat(fname, CREAT\_MODE)) < 0){

fprintf(stderr, "Creat error for %s\n",fname);

exit(1);

}

if(write(fd, buf1, 12) != 12){ // fd 를 12바이트만큼 읽고 buf1에 저장

fprintf(stderr, "buf1 write error\n");

exit(1);

}

if(lseek(fd, 15000, SEEK\_SET) < 0){ // fd를 15000만큼 lseek

fprintf(stderr, "lseek error\n");

exit(1);

}

if(write(fd, buf2, 12) != 12){ // fd 를 12바이트만큼 읽고 buf2에 저장

fprintf(stderr, "buf2 write error\n");

exit(1);

}

gettimeofday(&end\_t, NULL);

end\_t.tv\_sec -= begin\_t.tv\_sec;

if(end\_t.tv\_usec < begin\_t.tv\_usec){

end\_t.tv\_sec--;

end\_t.tv\_usec += SEC\_TO\_MICRO;

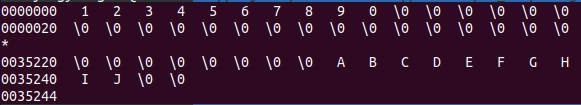
}

end\_t.tv\_usec -= begin\_t.tv\_usec;

printf("Runtime: %ld:%ld\n",end\_t.tv\_sec, end\_t.tv\_usec);

exit(0);

}

2. 실행결과