



task5.c

/\* task from materials: make this work \*/

#include <sys/types.h>

#include <fcntl.h>

#include <stdlib.h>

#include <unistd.h>

int main(int argc, char \*argv[]);

#define BUF\_SIZE 4096

#define OUTPUT\_MODE 0700

#define TRUE 1

#define FALSE 0

int main(int argc, char \*argv[])

{

int in\_fd, out\_fd, rd\_count, wt\_count;

char buffer[BUF\_SIZE];

if (argc != 3) exit(1);

in\_fd = open(argv[1], O\_RDONLY);

if (in\_fd < 0) exit(2);

out\_fd = creat(argv[2], OUTPUT\_MODE);

if (out\_fd < 0) exit(3);

while (TRUE) {

rd\_count = read(in\_fd, buffer, BUF\_SIZE);

if (rd\_count <= 0) break;

wt\_count = write(out\_fd, buffer, rd\_count);

if (wt\_count <= 0) exit(4);

}

close(in\_fd);

close(out\_fd);

if(rd\_count == 0)

exit(0);

else

exit(5);

return 0;

}