

Program 21

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#include <stdio.h>
#include <fcntl.h>
#include <unistd.h>
#include <stdlib.h>
#include <sys/stat.h>

int main(int argc, char *argv[])
{
    char buf;
    int size, fd;
    fd = open(argv[1], O_RDONLY);
    size = lseek(fd, -1, SEEK_END);
    while (size -- >= 0)
    {
        read(fd, &buf, 1);
        write(STDOUT_FILENO, &buf, 1);
        lseek(fd, -2, SEEK_CUR);
    }
    printf("\n");
    return 0;
}
```