

```
section .data
file db 'file1.txt'
msg db 'viraag is the best'
len equ $-msg
```

```
section .bss
buffer resb 1010
fd_in resb 1
fd_out resb 1
```

```
section .text
global _start
_start:
    mov rax, 2
    mov rdi, file
    mov rsi, 2
    mov rdx, 0777
    syscall
    mov [fd_in], rax
```

```
mov rax, 0
mov rdi, [fd_in]
mov rsi, buffer
mov rdx, 1010
syscall
```

```
;mov rax, 01
;mov rdi, [fd_in]
;mov rsi, msg
;mov rdx, len
;syscall
```

```
mov rax, 3
mov rdi, [fd_in]
syscall
```

```
mov rax, 01
mov rdi, 01
mov rsi, buffer
mov rdx, 1010
syscall
```

```
mov rax, 60
mov rdi, 00
syscall
```