

Thiago Bruchmann Carnaiba – PE300712X

Após criar a pasta para salvar o programa siga os passos

### **Exercício 1:**

```
vim.tiny exercicio1.asm
```

```
section .data
```

```
    msg1 db "Thiago Bruchmann Carnaiba", 0xa
```

```
    tam_msg1 equ $ - msg1
```

```
section .text
```

```
global _start
```

```
_start:
```

```
    mov eax, 4
```

```
    mov ebx, 1
```

```
    mov ecx, msg1
```

```
    mov edx, tam_msg1
```

```
    int 0x80
```

```
exit:
```

```
    mov eax, 1
```

```
    int 0x80
```

```
nasm -f elf64 exercicio1.asm
```

```
ld -s -o exercicio1 exercicio1.o
```

```
./exercicio1
```

## Exercício 2:

vim.tiny exercicio2.asm

section .data

```
msg1 db "Thiago", 0xa
len1 equ $ - msg1
msg2 db "Bruchmann", 0xa
len2 equ $ - msg2
msg3 db "Carnaiba", 0xa
len3 equ $ - msg3
```

section .text

global \_start

\_start:

```
mov eax, 4
mov ebx, 1
mov ecx, msg1
mov edx, len1
int 0x80
```

```
mov eax, 4
mov ebx, 1
mov ecx, msg2
mov edx, len2
int 0x80
```

```
mov eax, 4
mov ebx, 1
mov ecx, msg3
mov edx, len3
int 0x80
```

exit:

```
mov eax, 1
int 0x80
```

nasm -f elf64 exercicio2.asm

ld -s -o exercicio2 exercicio2.o

./exercicio2