

Printing Name and Surname on separate lines in asm

Name : Kevin Samuel Victor

Roll No. : 32

Code :

```
global _start
```

```
section.data:
```

```
name db "Kevin", 10
```

```
name_len equ $-name
```

```
surname db "Victor", 10
```

```
surname_len equ $-surname
```

```
section.text:
```

```
%macro print 2
```

```
mov eax,4
```

```
mov ebx,1
```

```
mov ecx,%1
```

```
mov edx,%2
```

```
int 80h
```

```
%endmacro
```

xor ebx, ebx

mov eax, 1

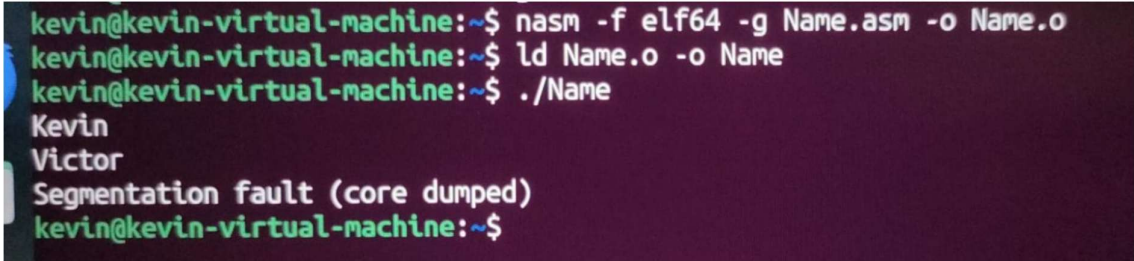
int 80h

_start:

print name, name_len

print surname, surname_len

Output :

A terminal window with a dark purple background and green text. The prompt is 'kevin@kevin-virtual-machine:~\$'. The user enters 'nasm -f elf64 -g Name.asm -o Name.o', then 'ld Name.o -o Name', and finally './Name'. The output shows 'Kevin' and 'Victor' on separate lines, followed by 'Segmentation fault (core dumped)' and the prompt 'kevin@kevin-virtual-machine:~\$'.

```
kevin@kevin-virtual-machine:~$ nasm -f elf64 -g Name.asm -o Name.o
kevin@kevin-virtual-machine:~$ ld Name.o -o Name
kevin@kevin-virtual-machine:~$ ./Name
Kevin
Victor
Segmentation fault (core dumped)
kevin@kevin-virtual-machine:~$
```