# Assembly Program to Print First and Last Name

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## Assembly Code (name.asm):

global \_start  
  
section .data  
 first db "Dhruv", 10  
 len1 equ $ - first  
  
 last db "Sakhare", 10  
 len2 equ $ - last  
  
section .text  
\_start:  
 mov eax, 4  
 mov ebx, 1  
 mov ecx, first  
 mov edx, len1  
 int 0x80  
  
 mov eax, 4  
 mov ebx, 1  
 mov ecx, last  
 mov edx, len2  
 int 0x80  
  
 xor ebx, ebx  
 mov eax, 1  
 int 0x80

## Steps to Compile and Run:

1. Write the code in a file named `name.asm`.

2. Open terminal and navigate to the directory containing the file.

3. Assemble the code using: nasm -f elf32 name.asm -o name.o

4. Link the object file using: ld -m elf\_i386 name.o -o name

5. Run the program using: ./name

6. Output will be:  
 Dhruv  
 Sakhare