

Hello World program in asm

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Code :

```
global _start
```

```
section.data:
```

```
hello db "Hello, World!",10
```

```
length equ $-hello
```

```
section.text:
```

```
_start:
```

```
mov eax, 4
```

```
mov ebx, 1
```

```
mov ecx, hello
```

```
mov edx, length
```

```
int 80h
```

```
xor ebx, ebx
```

```
mov eax, 1
```

int 80h

Output :

```
kevin@kevin-virtual-machine:~$ nasm -f elf64 -g hello.asm -o hello.o
kevin@kevin-virtual-machine:~$ ld hello.o -o hello
kevin@kevin-virtual-machine:~$ ./hello
Hello, World!
kevin@kevin-virtual-machine:~$
```