COS 284 : Computer Organisation and Architecture

Example

This program simply starts and exits:

```
section .text
global _start

_start:
        mov eax,1
        mov ebx,5
        int 0x80
```

Example

- `sample .text` - portion of the source that is instructions

- `global _start` - tells the linker about _start

- `mov eax,1` - sets the sys_call number (1=exit)

- `mov ebx,5` - sets return value of program.

- `int 0x80` - system call

Data Representations