**INT 80h**

**0x80/80h** interrupt handler is used to make **system calls** to the kernel by other programs. The kernel is notified about system call the program wants to make by examining the value in the register (**EAX, EBX**)

EAX=4 in case of hello.asm file which is a system call for **write mode**.

EBX=1 is used for standard output.

When we call int 80h **kernel** checks the **register** and then performs the required functions.

## SCREENSHOTS

A screenshot of a computer

Description automatically generated

