

Code Editor



COMPILE

RUN

NEXT

STOP

```
1 ; Program to show use of interrupts
2 ; Also, Hello World program !
3 hello: DB "Hello World" ; store string
4
5 ; actual entry point of the program, must be present
6 start:
7 MOV AH, 0x13 ; move BIOS interrupt number in AH
8 MOV CX, 11 ; move Length of string in cx
9 MOV BX, 0 ; mov 0 to bx, so we can move it to es
10 MOV ES, BX ; move segment start of string to es, 0
11 MOV BP, OFFSET hello ; move start offset of string in bp
12 MOV DL, 0 ; start writing from col 0
13 int 0x10 ; BIOS interrupt
```

/ Activity1 / first-program.asm

```
1 org 100h
2 mov ax, 0B800h
3 mov ds, ax
4 mov [0], 'H'
5 mov [1], 07h
6 mov ah, 0
7 int 16h
8 ret
```