第一次实验

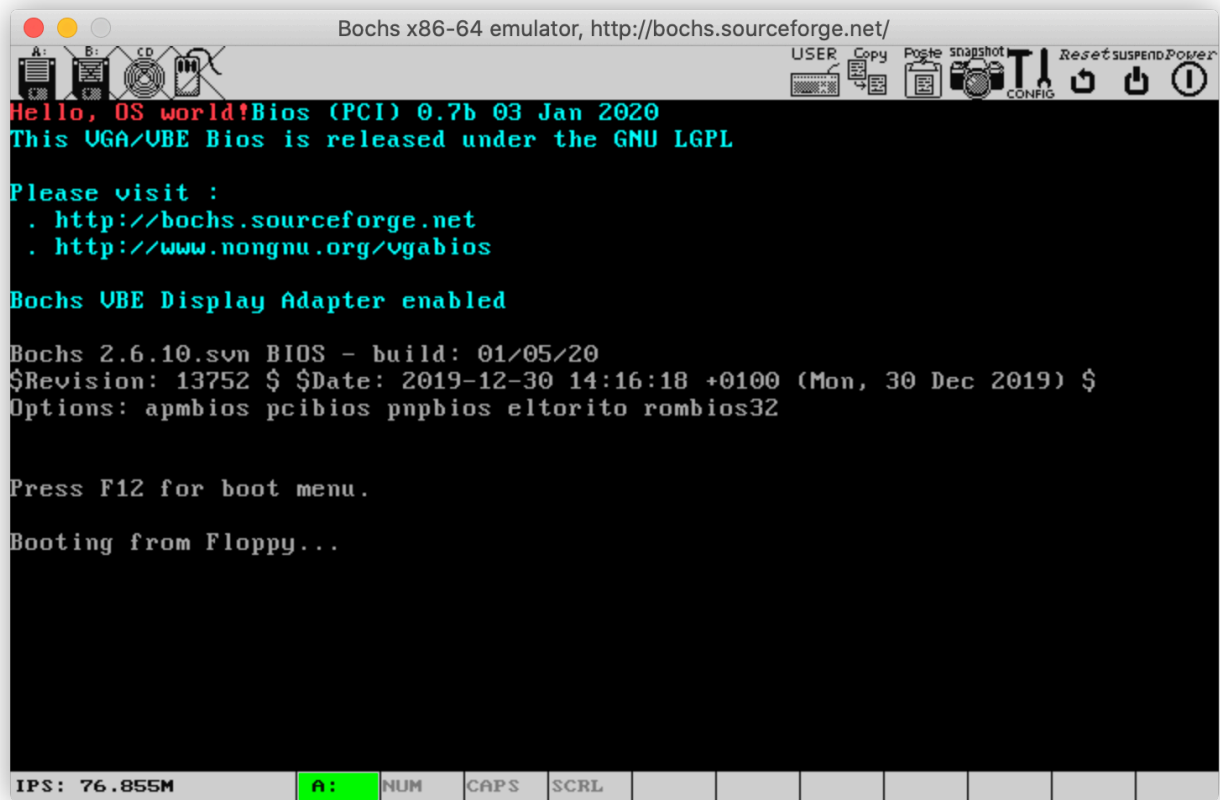## Hello OS

```
HelloOS > boot.asm
1        org 07c00h
2        mov ax, cs
3        mov ds, ax
4        mov es, ax
5        call DispStr
6        jmp $
7    DispStr:
8        mov ax, BootMessage
9        mov bp, ax
10       mov cx, 16
11       mov ax, 01301h
12       mov bx, 000ch
13       mov dl, 0
14       int 10h
15       ret
16   BootMessage:      db  "Hello, OS world!"
17   times 510-($-$$) db 0
18   dw 0xaa55
```

Hello, OS world!Bios (PCI) 0.7b 03 Jan 2020
This VGA/VBE Bios is released under the GNU LGPL

Please visit :
. http://bochs.sourceforge.net
. http://www.nongnu.org/vgabios

Bochs VBE Display Adapter enabled

Bochs 2.6.10.svn BIOS - build: 01/05/20
$Revision: 13752 $ $Date: 2019-12-30 14:16:18 +0100 (Mon, 30 Dec 2019) $
Options: apmbios pcibios pnpbios eltorito rombios32

Press F12 for boot menu.

Booting from Floppy...

IPS: 76.855M   A: NUM   CAPS   SCRL

大整数加法和乘法

实现了 255 位以内的多个整数的加法和乘法，负数也可以。

```
→ Calculator nasm -f elf calc.asm && ld -m elf_i386 calc.o -o calc && ./calc
Please input several numbers: (length 255 limited, -10^255 < result < 10^255)
9999999999999999999999999999999999999999 999999999999999999 -0000099999990000000000000000 000000
99999999999999999999999999  -9999999999999999999999999999999999999999999999999999999999999
-99999999999999999999999999999000009899999900000000000000002
9999999989999999999989999999100000009999900010000099899999001000010089999999100000008989999990001000
09998999990000999999899999991000000100000000000009999999900000000000000
```