

# Operating System Lab - 2

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Boot-loader Program to print a character to the screen

**Code :**

```
[BITS 16]
[ORG 0x7C00]
MOV AL,65
CALL PrintCharacter
JMP $
PrintCharacter:
MOV AH,0x0E
MOV BH,0x00
MOV BL,0x07
INT 0x10
RET
TIMES 510-($-$$) db 0
DW 0xAA55
```

**Terminal :**

```
(base) Aadhityas-MacBook-Air:Lab aadhitya$ nasm p1.asm -f bin -o p1.bin
(base) Aadhityas-MacBook-Air:Lab aadhitya$ dd if=p1.bin bs=512 of=p1.img
1+0 records in
1+0 records out
512 bytes transferred in 0.002337 secs (219086 bytes/sec)
(base) Aadhityas-MacBook-Air:Lab aadhitya$ █
```

Output :

