F 48 = H
   61 = 'a'
   6E = n
   20 = Space
   53 = S
   6F = O
   6C = L
   6F = O

String = HanSolo char

d 32 - 16 10

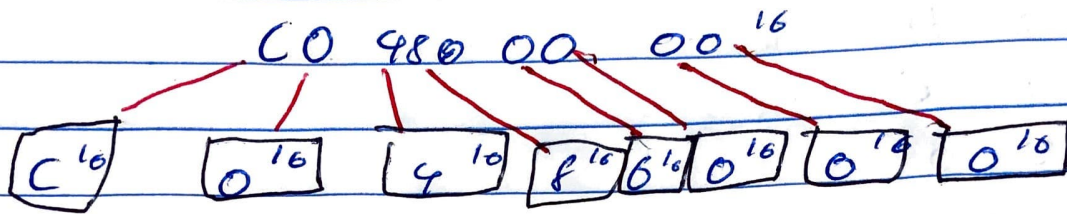32 = 100000   =   00100000
16 = 10000   =   00010000

Flip

```
1 1 1 1 '0' 1 1 1 1
+        1   1
1 1 1 1 1 0 0 0 0
```

~~00100000~~
~~11011 1~~

```
    00100000
   11111 0000
 [1]00000100000
```

Overflow

$$CO\ 48\ 00,\ 00.^{16}$$

$$\boxed{C^{16}}\quad \boxed{0^{16}}\quad \boxed{4^{16}}\quad \boxed{8^{16}}\boxed{0^{16}}\boxed{0^{16}}\quad \boxed{0^{16}}\quad \boxed{0^{16}}$$

| 1100 | 0000 | 0100 1000 | 0000 | 0000 | 0000 | 0000 |

| 1100 | 0000 | 0100 | 1000 | 0000 | 0000 | 0000 | 0000 |

$$-1 \times 2^{12} \times (1.001000\ 0000\ 0000\ 0000\ 000$$