int, flout, double, charr, long long, unsigned 1B = 8bit

int -

13 →28

int a;

 $4B \rightarrow 2$

[0~2-1]

 $\begin{pmatrix} 2 \\ 2 \end{pmatrix} \longrightarrow \begin{bmatrix} 0, 2-1 \end{bmatrix}$

0,1,2,3

$$\begin{bmatrix} -2^3, 2 - 1 \end{bmatrix} \rightarrow \begin{bmatrix} -8, 7 \end{bmatrix}$$

sint a=0.

(actual [31 31]

$$\frac{2}{3}$$

$$\frac{3}{4}$$

$$\frac{3}{4}$$

$$\frac{6}{5}$$

$$\frac{7}{8}$$

$$\frac{7}$$

Bit representation:

$$0000001 \rightarrow 1$$

 $00001000 \rightarrow 2$

00000000

Is n a power of 2?

1,2,4,8,16

int curre value = I,

int found = 0;

for (int i=0; i<31; i++)

{
; f(curre Value == n)

}

found = 1;

break;

curre Value * = 2;

}

if (found) -> YES

e(se -> NO

00000

$$(nb(n-1) = -0) \longrightarrow YES$$

int n;