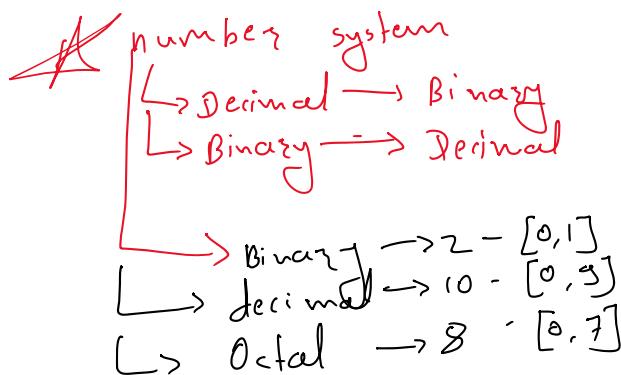


~~✓~~ LCM

a	b
12	6
24	12
36	18
48	24
60	30
72	36
84	42
96	48
108	54
120	60

$$\text{Lcm}(a,b) = \frac{(a \times b)}{\text{gcd}(a,b)}$$



	1	
2	<u>39</u>	= 1
2	<u>19</u>	- 1
2	<u>9</u>	- 1
2	<u>4</u>	- 0
2	<u>2</u>	- 0
2	<u>1</u>	- 1
	(0)	

↑

~~100111~~ ✓

$1 \times 10^5 + 0 \times 10^4 + 0 \times 10^3 + 1 \times 10^2 + 1 \times 10^1 + 1 \times 10^0$
 $\underline{100000 + 0} + \underline{0} + 10^0 + 10^1 + 10^0$

← ↘

100000
 10^0
 10^1
 10^0
 1

10 × 10⁰

~~100111~~

= sum = 0 × 1 + 111

10011

$\text{sum} = 0 \times 1 + 111$

$mwl = \cancel{1} \cancel{0} \times 100 \cancel{1000000} \text{sum}$

$n = \cancel{3} \cancel{9} \times 9 \times \cancel{4} \times \cancel{1} \cancel{0}$

while ($n > 0$) {

$\text{sum} = n \% 2$

$\text{sum} = \text{sum} + \text{sum} * \underline{mwl}$

$\underline{n} = n / 2$

$\underline{mwl} = \underline{mwl} * 10$

3
Sout(sum)

101

$$\begin{aligned}
 0 + 1 * 1 &= 1 \\
 1 + 1 * 10 &= 11 \\
 11 + 0 * 100 &= 111 \\
 111 + 0 * 1000 &= 111 \\
 111 + 1 * \cancel{100000} &= \boxed{100111}
 \end{aligned}$$

ocfa1 = 8

des	number	sum	sec	value
8	10	<u>100111</u>	$- 1 * 2^0 = 1$	
	10	<u>10011</u>	$- 1 * 2^1 = 2$	
	10	<u>1001</u>	$- 1 * 2^2 = 4$	
	10	<u>100</u>	$- 0 * 2^3 = 0$	
	10	<u>10</u>	$- 0 * 2^4 = 0$	
	10	<u>1</u>	$- 1 * 2^5 = 32$	
				<u>39</u>