

[53 8 5 38 65 38]

$$\left[\begin{array}{cccc} 6 & 4 & 4 & 3 \\ 0 & 1 & 2 & 3 \end{array} \dots \dots \dots 31 \right]$$

pow = ~~4~~ 16

ans = 0 + 2 + 4


$$2712 - 2$$

10 1010
12 \Rightarrow $\frac{1100}{0110}$

1) XOR
2) Limit
set
bit

(4) 2

10 101101 (22)
0 1 1 = 1

01010010

(long) $(2^{22} - 1)$

[illegible]

$sp = (i+1)$
 $ep = (n-i)$
 $res =$

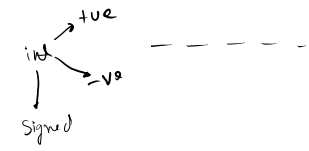
$[\underline{0}, \underline{3}, \underline{6}, \underline{4}, \underline{2}]$
 $n=5$
 $sp \times ep \rightarrow odd$
 \downarrow
 $even$
 \downarrow
 $ignore$
 \downarrow
 $xor \text{ with } res$

$2 \quad 3 \quad 6 \quad 4 \quad 2$
 $2 \times 3 \quad 6 \quad 4 \quad 2$
 $2 \times 3 \times 6 \quad 4 \quad 2$
 $2 \times 3 \times 6 \times 4 \times 2$

$2 \wedge 0 \wedge 6 \wedge 0 \wedge 2 =$

12 → 0000 1100
1's complement ↓
1 1 1 1 0 0 1 1
2's complement ↓
-12 → 1 1 1 1 0 1 0 0

$10 \rightarrow$ $\overset{51}{0} \overset{4}{0} \overset{3}{0} \overset{2}{0} \overset{1}{0} \overset{0}{0}$
 15 (comp)
 11110101
 $-10 \Rightarrow 11110110$
 31

$$\begin{array}{r} 10 \quad 00001010 \\ " (\quad 1110101 \\ -10 \quad 1110110 \\ \hline -10 \end{array}$$


୦୮୦୦୮୦ ୭ ୫ ୪ ୩ ୨ ୧ ୦

[illegible]

Int
Min \Rightarrow -2147483648 $\Rightarrow -2^{31}$

