

+2

$$29 = 16 + 8 + 4 + 1 = (011101)_2 \text{ 2's Comp}$$

$$-29 = (100011)_2 \text{ 2's Comp}$$

$$21 = 16 + 4 + 1 = (010101)_2 \text{ 2's Comp}$$

$$-21 = (101011)_2 \text{ 2's Comp}$$

$$29 + 21 \rightarrow \begin{array}{r} 1111 \\ 011101 \\ + 010101 \\ \hline 110010 \end{array}$$

overflow ندارد

$$\begin{array}{l} (11001001)_{\text{gray}} \\ \swarrow \searrow \swarrow \searrow \swarrow \searrow \\ (10001110)_{\text{Binary}} \end{array}$$

-2 because there is no solution

$$\begin{array}{l} (11001001)_{\text{Binary}} \\ \downarrow \\ (10101101) \end{array}$$

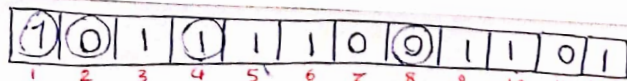
-2 because there is no solution

$$(11001001)_2 = (?)_{\text{Hamming}} = (111010001001)_{\text{Ham}}$$



$$(473406.12234)_8 = (?)_{16} = (27706.2938)_{16}$$

$$\begin{array}{cccccccccccc} 00100 & 111 & 011 & 100 & 000 & 110 & \cdot & 001 & 010 & 010 & 011 & 1000 \\ \hline 2 & 7 & 7 & 0 & 6 & \cdot & 2 & 9 & 3 & 8 \end{array}$$



10 10

داره ی خانه 10 خراب شده

داره اصلی : 11101001

داره خانه 10 را اصلاح

و که های چپ را حذف می کنیم