

Subject:

Year:

Month:

Date:

NOTE BOOK

9924218 - 21/10/16

2019

$$\begin{array}{c} A \quad (B) \\ \downarrow \quad \downarrow \\ -30 - 23 \end{array}$$

$$\hookrightarrow (-A) - (+B) \rightarrow$$

$$\underline{30} \rightarrow \boxed{11110} \quad -2$$

$$\underline{23} \rightarrow \boxed{10111} \rightarrow \text{twos} \rightarrow \boxed{01001}$$

$$\begin{array}{r} \textcircled{+1} \quad 1 \\ \hline 11110 \\ + 01001 \\ \hline 111000 \\ \text{drop } 00111 \quad -4 \end{array}$$

$$100111 \quad \text{و ٣٠ من ٢٣ هو ١١}$$

$$30 - (-23) \rightarrow 30 \oplus 23$$

$$\begin{array}{r} 11110 \\ \oplus 1 \\ \hline 11110 \\ 10111 \\ \hline 10101 \quad -4 \end{array} \rightarrow \boxed{\oplus 10101}$$

Sabalan

BF \leftarrow gray is 6 10011100 \leftarrow Color

gray \rightarrow BIN

+4

Color = 0

Color = 1

10011100
 $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$
 11101000

\leftarrow Gray

10011100 BIN \rightarrow Gray Code

Color

Color = 0

Color = 1

10011100

1010010

Color

-4

Gray 100111001001

1	0	1	0	0	0	1	0	1	1	0	0	1	0	0	1	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Sabalan

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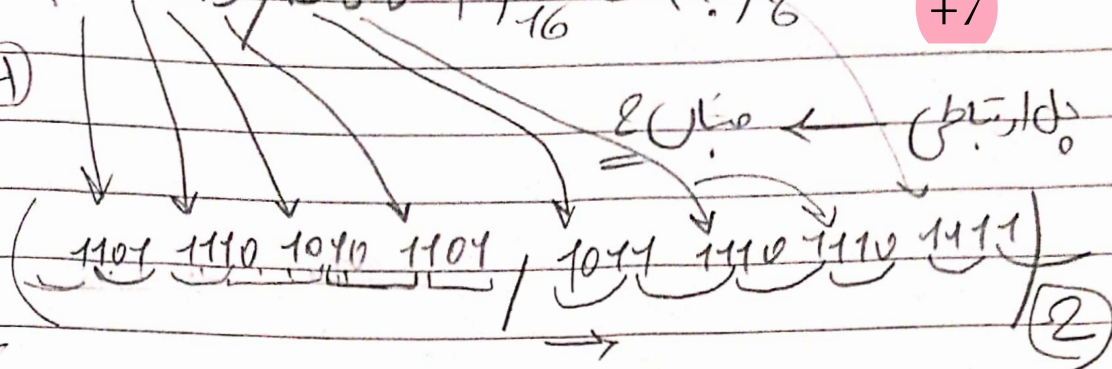
NOTE BOOK

(5)

$$(DEAD, BEEF)_{16} = (?)_8$$

+7

(4)



8

(8) → 3

$$(15725674)_{16}$$

آگر داده 100110101011 ← 9

1	0	0	1	1	0	1	0	1	0	1	1
1	2		4			8		16		32	

$$1001 \rightarrow 9$$

محل خطا

+7

original data : 01010011

-1

Sabalan