

TUGAS KONSEP SISTEM INFORMASI

PERTEMUAN 4

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Dibuat Oleh:

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Latihan:

- 1. Ubalah $1011101110001010110011011_2 = \dots\dots\dots_8$
- 2. Ubalah $17857_8 = \dots\dots\dots_{10}$
- 3. Ubahlah $101110110111001001000101_2 = \dots\dots_8$

Jawaban:

- 1. $001\ 011\ 101\ 110\ 001\ 010\ 110\ 011\ 011_2 = 135612633_8$

001	1
011	3
101	5
110	6
001	1
010	2
110	6
011	3
011	3

- 2. $17857_8 = 8239_{10}$

$17857_8 = (1 \times 8^4) + (7 \times 8^3) + (8 \times 8^2) + (5 \times 8^1) + (7 \times 8^0)$

$17857_8 = (1 \times 4096) + (7 \times 512) + (8 \times 64) + (5 \times 8) + (7 \times 1)$

$17857_8 = 4096 + 3584 + 512 + 40 + 7$

$17857_8 = 8239_{10}$

- 3. $101\ 110\ 110\ 111\ 001\ 001\ 000\ 101_2 = 56671105_8$

101	5
110	6
110	6
111	7
001	1
001	1
000	0
101	5