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Perhitungan manual No1.cpp

a. 3-1 < I OR k-5 < 8+2 AND L+7 >= 9+3

Jadikan seperti: (((3-1) < I OR (((k-5) < (8+2)) AND (L+7) >= (9+3))))

Selesaikan:

(3-1) = 2

(k-5) = 7-5 = 2

(8+2) = 10

(L+7) = 1+7 = 8

(9+3) = 12

menjadi:

((2 < I) OR ((2 < 10) AND (8 >= 12)))

↳ 2<10 = True = 1

8 >= 12 = False = 0

2<I = 2<2 = False = 0

↳ (0 OR (1 AND 0))

(0 OR 0)

= 0

b. (((L % 3) > u) AND (((c/u < S) OR (((3*I - k) > 0)))

Selesaikan:

L % 3 = 1 % 3 = 1

c/u = 9/5 = 1,8

3*I - k = 6 - 7 = -1

→ (((1 > u) AND (1,8 < S)) OR (-1 > 0))

1 > U = 1 > 5 = False = 0

1,8 < S = 1,8 < 6 = True = 1

-1 > 0 = False = 0

((0 AND 1) OR 0)

= 0 OR 0

= 0

c. (((I - 9) > k) OR ((L + 3) < (4 * C)))

I - 9 = 2 - 9 = -7 > k = -7 > 7 = False = 0

L + 3 = 1 + 3 = 4
4 * 9 = 36
→ 4 < 36 = TRUE = 1

0 OR 1 = 1

d. (I OR ((k AND L) XOR (3 SHL 2)))

k AND L = 7 AND 1 = 0001 = 1

3 SHL 2 = 1100 = 12

1 XOR 12 = 1101 = 13

I OR 13 = 2 OR 13 = 1111 = 15