

TAKE HOME TASK 2

Evaluation of Expressions. (Note: Refer the precedence table to solve the following expressions).

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I. Assume $a = 100$, $b = 20$, $c = 10$, $d = 5$, $e = 1$

Evaluate :

1. $a + b * c / d / e \% b$
2. $((c + d) \% (d - e))$
3. $a + b \& \& c + d \mid e - c$
4. $a + 2 > b \& \& !c \mid \mid a != d \& \& a - 2 <= e$

II. Assume $i = 8$, $j = 5$, $x = 5$, $y = -1$, $c = 2$, $d = 4$, $a = 5$, $b = 3$

Solve the following:

1. $(3 * i - 2 * j) \% (2 * d - c)$
2. $2 * ((i / 5) + (4 * (j - 3)) \% (i + j - 2))$
 $(i - 3 * j) \% (c + 2 * d) / (x - y)$
3. $5 * (i + j) / x$
4. $x * y < a + b \mid \mid c$
5. $(x > y) + !a \mid \mid c ++$

III. $x = 00010110$, then what is

1. $x < 4 = ?$
2. $x > 4 = ?$