Operator Questions

① int x = 2;
int y = 5;
int expr1 = (x * y / x); → 5
int expr2 = (x * (y / x)); → 4
System.out (expr1 + " ");
System.out (expr2);

Output

expr1 → 5 + if we calculate string
then expr1 → 5

ans: Output: 4 according to BODMAS division

② int x = 200, y = 50, z = 100;
if (x > y && y > z) { ① → false.
System.out ("Hello");

if (z > y && z < x) { ② → True. ✓
System.out ("Java");

if (y + 200) < x && (y + 150) < z) { ③ false.
System.out ("Hello Java");

Output: Java.

③ int x, y, z
x = y = z = 2;
x += y; x = 2 y = 2 (ans 4)
y -= z; y = 2 z = 2 (ans 0)
z /= (x + y);
z /= (2 + 2)
0 (4)
= 0
System.out (x + " " + y + " " + z);
Output 4, 0, 0

(5) x = 10 ; y = 5 ;

int exp1 = (y*(x/y + x/y));

(5*(10/5 + 10/5));

(5*(2+2))

(5*(4))

output = 20.

int exp2 = (y*x/y + y*x/y

int exp2;

(y*x/y + y*x/y

*2)

2 + 2 * 50 + 10

4 * 50 + 10

= 210

int exp2 = (y*x/y + y*x/y

(2 +

(5*10/5 + 5*10/5)

(10 + 10

output = 20