

$$a = 5, b = 2, x = 3.0, y = 4.5$$

$$\text{int } r1 = a++ * b + (\text{int}) y \% 3$$

$$= 5 \times 2 + (\text{int}) 4.5 \% 3$$

$$= 10 + 4 \% 3$$

$$= 10 + 1$$

$$\text{int } r1 = 11$$

$$a = 6$$

$$\text{int } n = (a > b) \ \&\& \ ((\text{int}) x / b < 2)$$

$$= (5 > 2) \ \&\& \ ((\text{int}) 3.0 / 2 < 2)$$

$$= (1) \ \&\& \ (3 / 2 < 2)$$

$$= (1) \ \&\& \ (1.5 < 2)$$

$$= (1) \ \&\& \ (1)$$

$$= (1)$$

$$\text{float } r3 = ++x * y - a/2$$

$$x = 4.0$$

$$= 4.0 * 4.5 - 6/2$$

$$= 18 - 3$$

$$= 15$$

$$\text{float } r4 = ((x += 1.5) > y) \parallel (b -- > 0);$$

$$= ((4.0 + 1.5) > 4.5) \parallel (2 -- > 0)$$

$$= (5.5 > 4.5) \parallel (2 > 0)$$

$$= (1) \parallel (1)$$

$$= 1$$

$$b = 1$$