**TASK**

RESEARCH ON RIGHT SHIFT OPERATOR

The **right shift (>>)** operator in Python moves the bits of a number to the right by a specified number of places. This effectively divides the number by **2ⁿ** (where n is the shift amount), discarding the shifted-out bits.

SYNTAX:

result = a >> n

where,

a = Number to shift

n = Number of positions to shift right

result = a divided by 2ⁿ (integer division)

EXAMPLE:

x = 32 # Binary: 100000

y = x >> 3 # Shift right by 3 places

print(y)

Output: 4 (Binary: 100)