461. Hamming Distance

The Hamming distance between two integers is the number of positions at which the corresponding bits are different.

Given two integers x and y, return the Hamming distance between them.

Example 1:

- **Input:** x = 1, y = 4
- **Output:** 2
- **Explanation:**

  1 (0 0 0 1)

  4 (0 1 0 0)

  ↑ ↑

  The above arrows point to positions where the corresponding bits are different.

Example 2:

- **Input:** x = 3, y = 1
- **Output:** 1

Constraints:

- 0 <= x, y <= 2^{31} - 1

Note: This question is the same as 2220: Minimum Bit Flips to Convert Number.