TASK 5

Sort based on no of 1s in the binary representation

Given an Array of integers x, sort the array in ascending order by the number of 1s present in the binary representation for each number in the array . if two numbers have the same number of 1s , then arrange them based on their values

x = [2,3,4,7,5]

y= [bin(num) for num in x]

sorted\_x = sorted(x)

print(sorted\_x)

Output:

[2, 3, 4, 5, 7]