

Counting Bits

Medium

Given a non negative integer number **num**. For every numbers **i** in the range $0 \leq i \leq \text{num}$ calculate the number of 1's in their binary representation and return them as an array.

Example 1:

Input: 2

Output: [0,1,1]

Example 2:

Input: 5

Output: [0,1,1,2,1,2]