## **Extra Credit 2: Leetcode problems**

I solved 3 'easy' leet code problems:

## 268. Missing number

I solved this by subtracting the sum of the array from the expected sum of array if all numbers in the range were included.

## 1356. Sort integers by number of 1 bits

I used quicksort to sort the integers, using the value at the end of the array as the pivot each time, and adding logic to compare bit values alongside the integer values with each step.

## 1859. Sorting the sentence

This was a fairly easy problem. I split the sentence at the whitespace, extracted the numeric value of the character at the end of the word, placed that word in an array at the index of its position in the sentence, and returned the words joined as a string.

I worked on my own on these problems.