The goal of this problem is to implement a variant of the 2-SUM algorithm .

Your task is to compute the number of target values t in the interval [-10000,10000] (inclusive) such that there are distinct numbers x,yin the input file that satisfy x+y=t.

The input file(2SumData.txt) contains 1 million integers, both positive and negative (there might be some repetitions!).This is your array of integers, with the ith row of the file specifying the ith entry of the array.