**笔试题1**

**Set 1:**

1. Two sum

Given an array of integers, find all pairs of two elements that add up to a specific target number. The results should be distinct and elements in each result pair should be in ascending order.

Example 1: input: [1, 4, -2, 3, 0, 1], target = 1; output: [[-2, 3], [0, 1]]

1. Maximum sum of subarray with at most one deletion (time complexity should be O(n))

Given an array of integers, find the maximum sum of non-empty subarray with at most one deletion. In other words, you can choose a subarray and optionally delete one element from it and there must be at least one element left in the subarray.

Example 1: input: [1,-2,0,3]; output: 4

Example 2: input: [1,-2,-2,3]; output: 3

请您在收到邮件后1-1.5小时内完成并且将答案发送给我，谢谢！