Problem1 (Easy)

Two Sum：

Given a non-repetitive ascending list with length **n**, and an integer target value **t**. Find all the **i,j** which satisfy $x_i+x_j=t$, and print them out. $(2 <= n <= 10^6)$

Hint：

Bisection search or Double Printer

Problem2 (Mid)

Floyd Algorithm：

Read the file and build a weighed directed-graph. Use Floyd algorithm to calculate the distance from point 1 to point n. (2<=n<=100)

Problem3 (Hard)

Sneak: Simulate a sneak game and print the game results.

Input:

- A matrix with type char (the map). 'x' represents a rock, '-'represents a space, '#'represents the body of sneak. '@'represent the head of the sneak.

- A sequence with type int (the motions). '0,1,2,3'represent to move to up/down/left/right correspondingly for one step.

Rules:

A greedy snake will fail when the head and the stone overlap, the head goes beyond the boundary, or the head overlaps the body.

Task:

Output the the result of the game:

If it failed, output the running time of the game.

It it didn't fail, output the final position of the head (in the form "%d, %d").