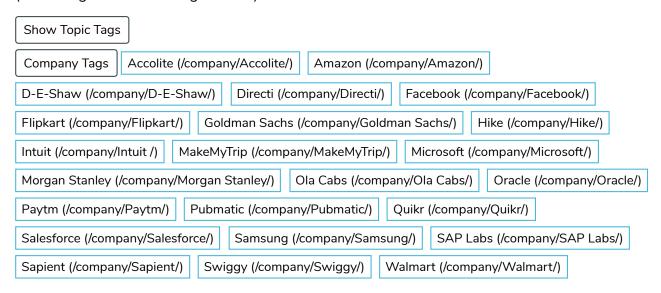
Stock buy and sell \square

Submissions: 108913 (/problem_submissions.php?pid=376) Accuracy: 30.43% Difficulty: Medium (https://practice.geeksforgeeks.org/Medium/0/0/) Marks: 4

Associated Course(s): Geeks Classes (/courses/geeks-classes/) Geeks Classes- Algorithms (/courses/geeks-classes-algorithms/) More



Problems

The cost of stock on each day is given in an array **A[]** of size **N**. Find all the days on which you buy and sell the stock so that in between those days your profit is maximum.

Input:

First line contains number of test cases T. First line of each test case contains an integer value N denoting the number of days, followed by an array of stock prices of N days.

Output:

For each testcase, output all the days with profit in a single line. And if there is no profit then print "**No Profit**".

Constraints:

$$2 \le N \le 10^3$$

$$0 <= A_i <= 10^4$$

Example

Input:

3

7

100 180 260 310 40 535 695 4 100 50 30 20 10 23 13 25 29 33 19 34 45 65 67

Output:

 $(0\ 3)\ (4\ 6)$

No Profit

(14)(59)

Explanation:

Testcase 1: We can buy stock on day 0, and sell it on 3rd day, which will give us maximum profit.

Note: Output format is as follows - (buy_day sell_day) (buy_day sell_day) For each input, output should be in a single line.

** For More Input/Output Examples Use 'Expected Output' option **

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