

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.

Example 1:

Input:

`N = 7`

`A[] = {100,180,260,310,40,535,695}`

Output:

`(0 3) (4 6)`

Explanation:

We can buy stock on day 0, and sell it on 3rd day, which will give us maximum profit. Now, we buy stock on day 4 and sell it on day 6.

Example 2:

Input:

`N = 5`

`A[] = {4,2,2,2,4}`

Output:

`(3 4)`

Explanation:

We can buy stock on day 3, and sell it on 4th day, which will give us maximum profit.

Your Task:

The task is to complete the function **stockBuySell()** which takes an array `A[]` and `N` as input parameters and finds the days of buying and selling stock. The

function must return a 2D list of integers containing all the buy-sell pairs. If there is No Profit, return an empty list.

Expected Time Complexity : $O(N)$

Expected Auxiliary Space: $O(N)$

Constraints:

$2 \leq N \leq 10^3$

$0 \leq A_i \leq 10^4$