

**PROBLEM DEFINITION –**

Write a function named “get\_max\_profit” that takes one argument, a list of stock prices of some company X measured every minute. The function returns a real number which is the maximum profit which can be obtained by buying one unit stock and selling that stock.

For example,

- 1) a = [10, 7, 5, 8, 11, 9] returns 6,
- 2) b = [0,0,0] returns 0.

Write an efficient algorithm as possible.

Assumptions:

We cannot buy and sell stock from the same minute.