

## Mini HW #6

Due Time: 2017/11/9 (Thu.) 17:20  
Contact TAs: [ada-ta@csie.ntu.edu.tw](mailto:ada-ta@csie.ntu.edu.tw)

Please refer to the Problem "Sum" in Homework #2.

1. Briefly describe the algorithm you used to solve this problem, the time complexity should be  $O(n)$ . (You don't need to prove the time complexity) (2pt)
2. Proof the correctness of your algorithm. (8pt)

Notes on homeworks:

- With TA's discretion, too complicated answers will be counted as wrong
- The tidiness of your homework contributes to your grade.