## **Array & Numbers**

#### 现在是课程答疑时间



扫描二维码关注微信/微博 获取最新面试题及权威解答

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### **Outline**



- Sorted Array
  - Merge Two Sorted Arrays / Merge k Sorted Arrays
  - Median Of Two Sorted Arrays
- Subarray
  - Best Time to Buy and Sell Stocks I, II, III
  - 。 Subarray I, II, III, IV
- Two Pointers
  - Two sum, 3Sum, 4Sum, k Sum, 3Sum Closest
  - Partition Array

### **Merge Sorted Array**



# Merge Sorted Array I, II

http://www.lintcode.com/en/problem/merge-sorted-array/

http://www.lintcode.com/en/problem/merge-sorted-array-ii/

### **Median of Two Sorted Arrays**



# **Median of Two Sorted Arrays**

http://www.lintcode.com/problem/median-of-two-sorted-arrays/

http://www.jiuzhang.com/solutions/median-of-two-sorted-arrays/

#### BT2B&SS vs MMS



### **Best Time to Buy and Sell Stock**

http://www.lintcode.com/problem/best-time-to-buy-and-sell-stock/

http://www.lintcode.com/problem/best-time-to-buy-and-sell-stock-ii/

http://www.lintcode.com/problem/best-time-to-buy-and-sell-stock-iii/

### **Maximum Subarray**

http://www.lintcode.com/problem/maximum-subarray/

http://www.lintcode.com/problem/maximum-subarray-ii/

http://www.lintcode.com/problem/maximum-subarray-iii/



## 5 minutes break

### **Subarray**



#### **Minimum Subarray**

http://www.lintcode.com/problem/minimum-subarray/

### **Maximum Subarray Difference**

http://www.lintcode.com/problem/maximum-subarray-difference/

### **Subarray Sum**

http://www.lintcode.com/problem/subarray-sum/

http://www.lintcode.com/problem/subarray-sum-closest/



### Two Sum

http://www.lintcode.com/problem/two-sum/

http://www.jiuzhang.com/solutions/two-sum/

### **Two Pointers**



### 3Sum

http://www.lintcode.com/problem/3sum/

http://www.jiuzhang.com/solutions/3sum/



### 3Sum Closest

http://www.lintcode.com/problem/3sum-closest/

http://www.jiuzhang.com/solutions/3sum-closest/

### **Two Pointers**



### 4Sum

http://www.lintcode.com/problem/4sum/

http://www.jiuzhang.com/solutions/4sum/

#### **Two Pointers**



## k Sum(optional)

http://www.lintcode.com/problem/k-sum/

http://www.jiuzhang.com/solutions/k-sum/



## Partition Array

http://www.lintcode.com/problem/partition-array/

http://www.jiuzhang.com/solutions/partition-array/



## Sort Letters by Case

http://www.lintcode.com/problem/sort-letters-by-case/

http://www.jiuzhang.com/solutions/sort-letters-by-case/



### **Sort Colors**

http://www.lintcode.com/en/problem/sort-colors/

http://www.jiuzhang.com/solutions/sort-colors/

### **Related Questions**



#### **Sort Colors II**

http://www.lintcode.com/en/problem/sort-colors-ii/

http://www.jiuzhang.com/solutions/sort-colors-ii/

### **Interleaving Positive and Negative Numbers**

http://www.lintcode.com/problem/interleaving-positive-and-negative-

numbers/

http://www.jiuzhang.com/solutions/interleaving-positive-and-negative-

integers/