

3次反转法, Quiz 1 第2题.

10 7 12 , 18 16 20 30

↓反转1

↓反转2

12 7 10 , 30 20 16 18

↓

反转(总体).

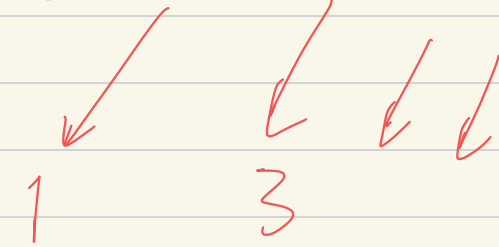
因为 reverse

是什么.

18 16 20 30 10 7 12

1 2 3 4 5 6 7 8 9 10

((() ()) (()))

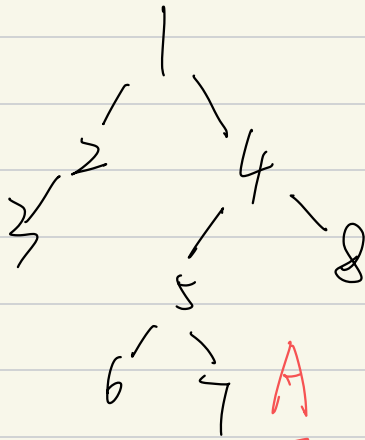


1 3 2

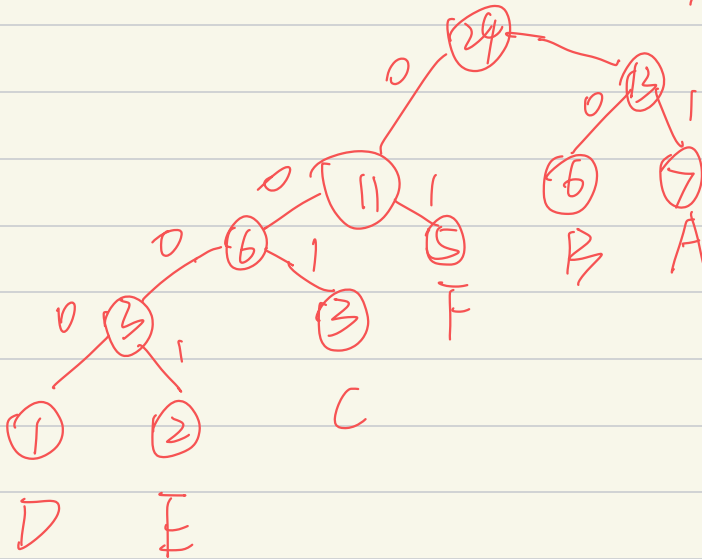
0 0 0 1 0 1 1 1 1

0 0

前 ① ② 3 ④ ⑤ 6 7 8
 中 3 2 ① ⑥ ⑤ 7 ④ ⑧



A	B	C	D	E	F
7	6	3	2	1	5
		x	x	x	x



已題杯况七. 有

1 2 3 3 6 6 7 → 有

1 2 3 4 6 7 8 → 8

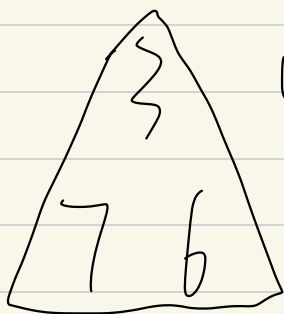
root fix 是 $O(n) \rightarrow$ 向左右证明, 不同号.
 $O(n)$ 建设.

8 2 9 3 4 5 1 7 6

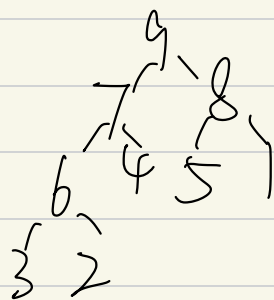
层序遍历逆序.

大顶堆.

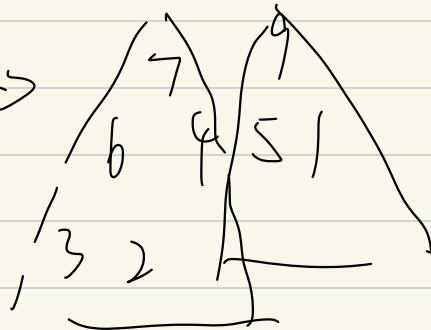
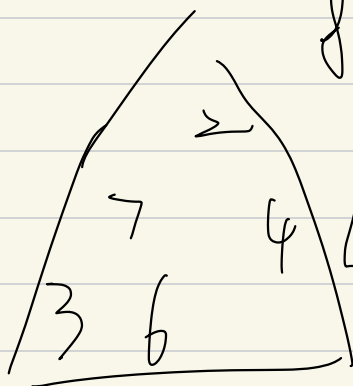
建堆



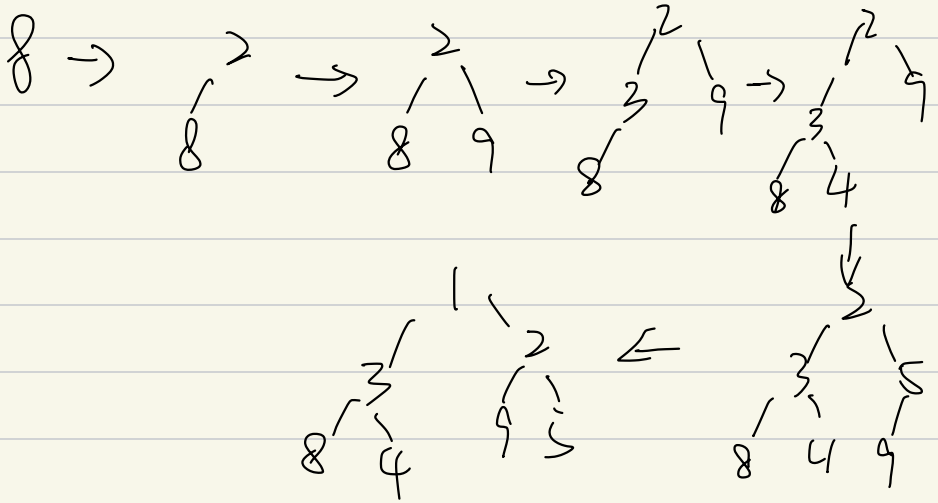
4 5 1

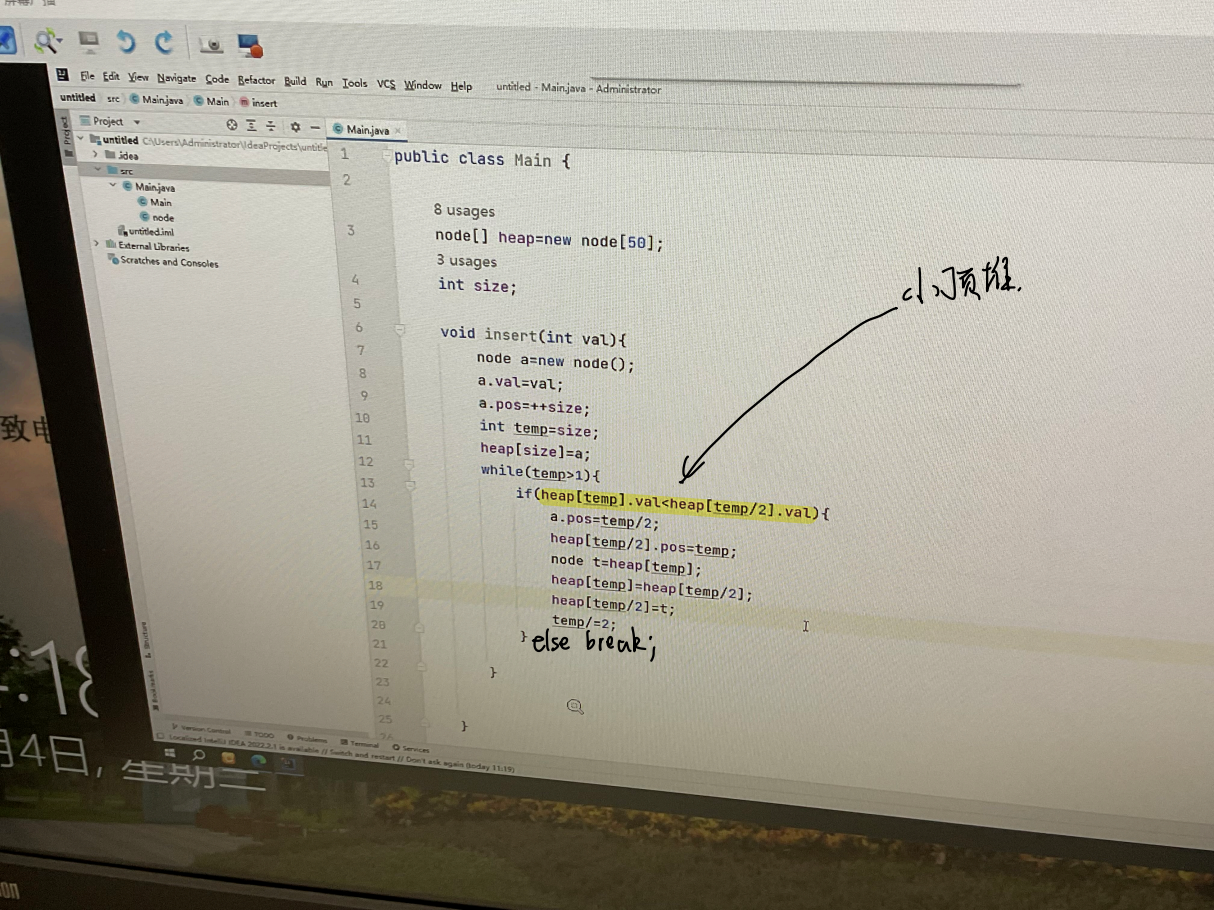


8



8 2 9 3 4 5 1 7 6 对顶堆

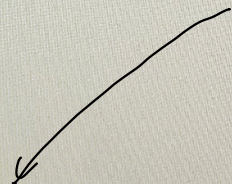




Project
Main.java
Main
node
untitled.inl
External Libraries
Scratches and Consoles

```
1 public class Main {  
2  
3     8 usages  
    node[] heap=new node[50];  
4     3 usages  
    int size;  
5  
6     void insert(int val){  
7         node a=new node();  
8         a.val=val;  
9         a.pos=++size;  
10        int temp=size;  
11        heap[size]=a;  
12        while(temp>1){  
13            if(heap[temp].val<heap[temp/2].val){  
14                a.pos=temp/2;  
15                heap[temp/2].pos=temp;  
16                node t=heap[temp];  
17                heap[temp]=heap[temp/2];  
18                heap[temp/2]=t;  
19                temp=temp/2;  
20            }  
21            else break;  
22        }  
23    }  
24  
25 }
```

c1 调整堆.



致电

:18

月4日, 星期二

on