

Elr Sobylnh
DS: Chapter 6

13-Mar-16

6.2:

a)

insert 10
10

insert 12

10
12

insert 1

1
12 10

insert 14

14
12 10

insert 6

6
14 12 10

insert 5

5
6
14 12 10

insert 8

8
6 5
14 12 10

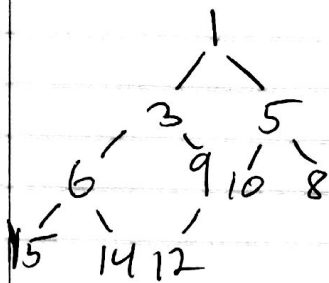
insert 15

15
6 5
14 12 10 8

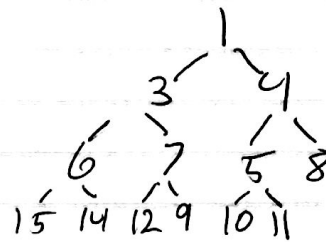
insert 3

3
6 5
15 14 12 10 8

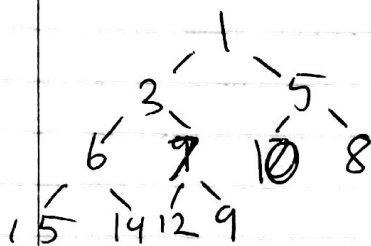
insert 9



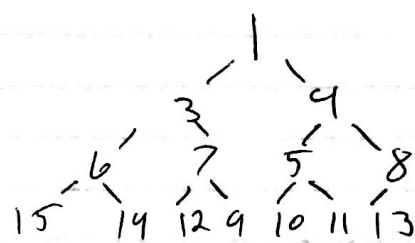
insert 11



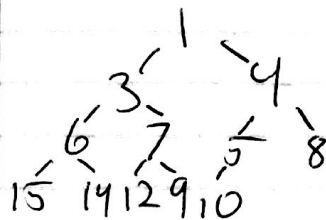
insert 7



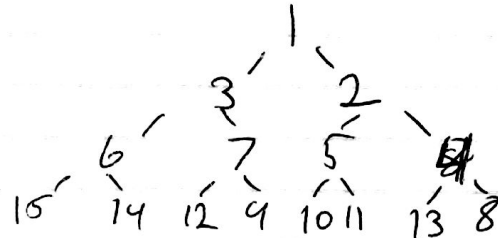
insert 13



insert 4

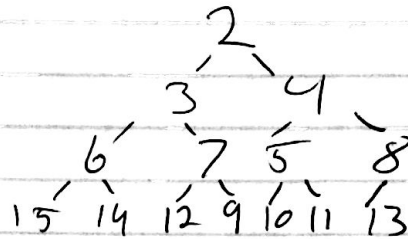


insert 2



6.3

delete Min



6.12

a)

Node * combine Heaps (Node * h1, Node * h2)

if (h2->element < h1->element)

return combineHeaps(h2, h1);

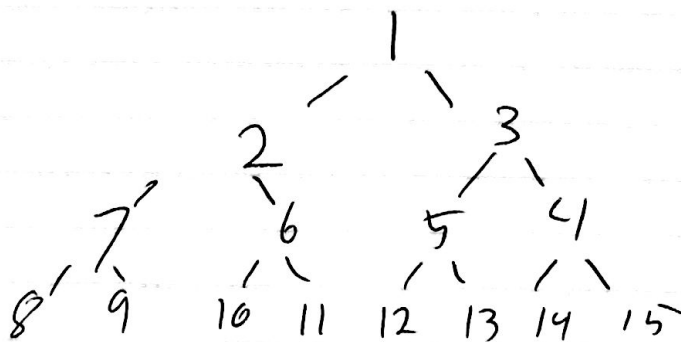
h2->nextChild = h1->leftChild;

h1->leftChild = h2;

return h1;

}

6.20



6.27

