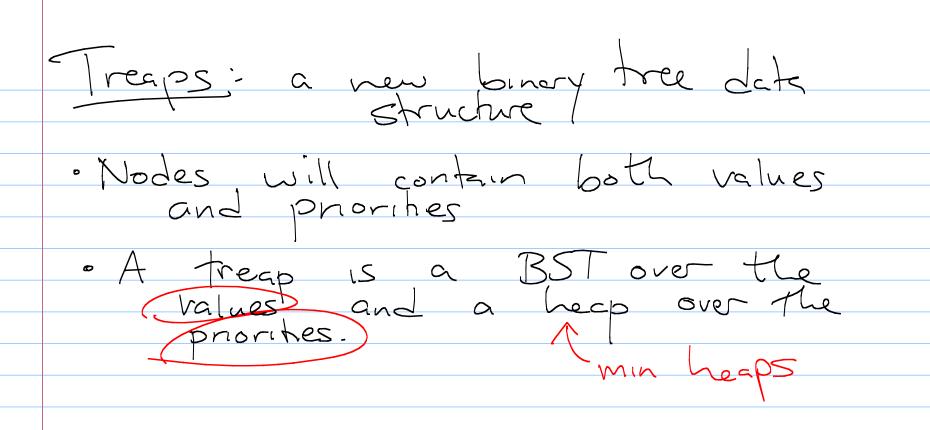
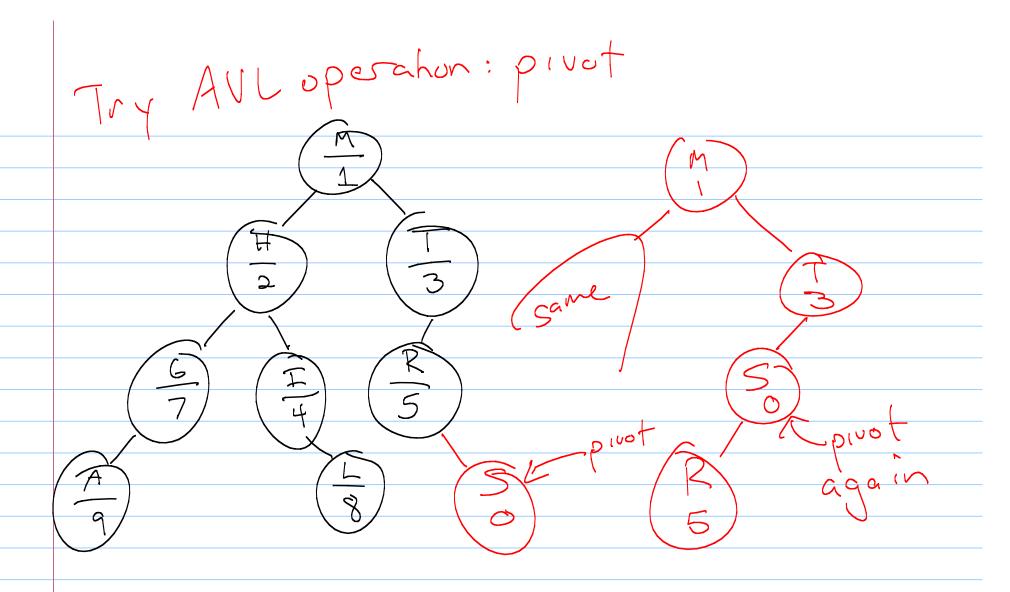
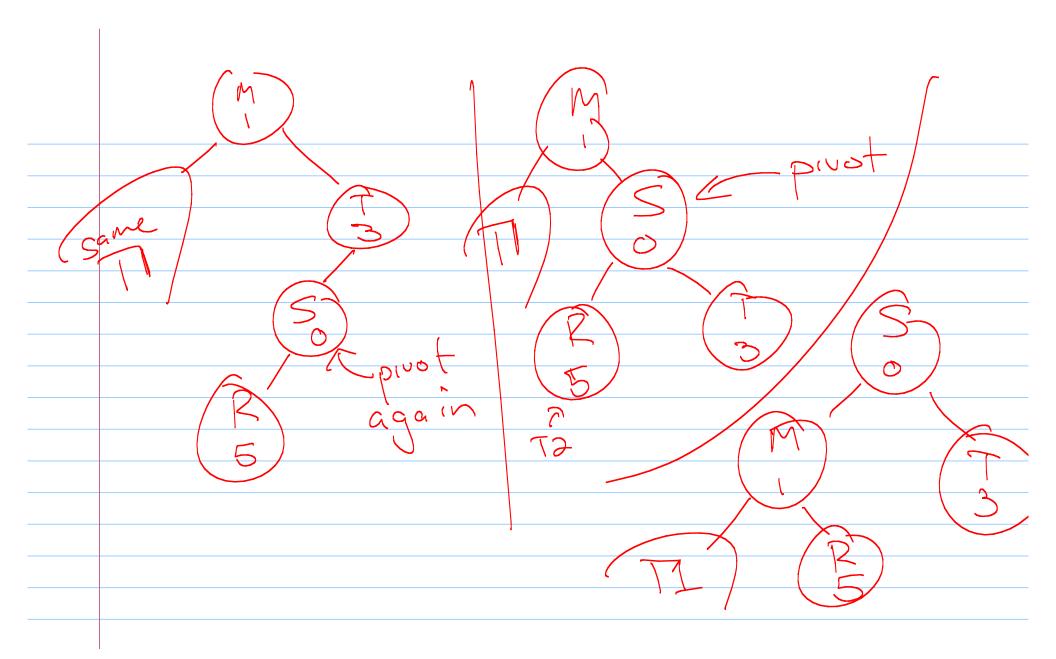
5/4/2011 Announcemen -HWY wes emailed back to one partner (if you had a partner vesterday (Email me w(any 155 Mes)



values (alphabetical order as my comparison for form min 3

insert insert: In heap we "bubbled up". Will that work here?





Rotations x & G are in correct J BST order, with x = y, but priorities are wrong So: insert procedure:

Insert as in BST using value

while (my priority & perent's priority)

prot

Downside: What can height be?
In Can we force them to be
(an) balanced?

In fact: Treaps are unique! Order Pof insertion lobes not · It you try to change height of a noded will violate heap property of you try to move position, will violate BST property - ike having 2 traversels)

haw treap with (A,4)
(X,11), (M,3),

Kandomized freaps: AVL trees. Each element will get a vandom height of the will be O(1.

Code: the do we implement?

Inherit from Binary Tree. h

(or Binary Search Tree.h)

saux to be float (?)

find - same as BST

· Insert - 5 stides Lact

· remove: