Andrew Plum

Cs 121

4/13/22

Week 14 Notes

* Function with a function as an argument
  + Visit(void (\* dothis)(entrytype));
  + template<typename entrytype>
  + void bnode<entrytype>::visit(void (\*dothis)(entrytype)){

if(left != NULL){

left->visit(dothis);

}

dothis(data);

if(right != NULL){

right->visit(dothis);

}

}

* AVL Tree
  + Named after two Russian mathematicians
  + Any two subtrees are unbalanced by at most 1
  + Add extra data to each node: left heavy, right heavy, or balanced
  + Right branch is heavy

