

int numbegister (ASTNorde node) A2) y (rode. wlod ()) { Jelse { node left Child. isleaf () | node, right (hild. isleaf ()) { return num Register (hode, left (hild) + num Register (node, Reght (hild); roturn numlegister (node . loft anild) + numlegister (node regalable) -1; (how does associativity & commutatively affect?) inter numbergister (ASTNode node) of y (node. who) ()) {
return!; løjt = rumRegister (Brode. leftChild); right = rumRegister (røde. right Child); if (left = = right) { return left + 1; if (left > night) {
return left; y (left < right) {
return right;