

Homework Project 2

Given 10/24/2016, Due 11/07/2016

Take the height-balanced tree code, and add a function

```
int find_next_larger(tree_node_t *tree, int q);
```

the smallest key larger than `q` that occurs in a leaf.

If there is no key larger than `q` in a leaf, it returns `q`. The programming language is C or C++; test your code before submission using the `gcc` or `g++` compiler. Please remove all dead code; try to program as clearly as possible, since I try to read it. Do not copy code from another student or from the web; this is an easy project, and must be all your own work.

Submit your source code by e-mail to phjmbrass@gmail.com; include the course (220) and homework number in the subject line, and your name as a comment in the homework file.