

CS350: Data Structures Class Notes

Class 5: Wednesday, September 10, 2008

Over Homework:

We talked about recursive vs. iterative solutions, linear vs. tree recursion, and helper functions.

More on assignment:

Team/pair programming
Discussion of problem
Python review for files
Stack frames
Stopping recursion

More on recursion:

Tower of Hanoi problem

Recursion as a control structure in Lisp

```
while test:  
    body
```

become

```
if not test:  
    body  
    recurse
```

Homework:

Page 126: #3 is postponed from Friday until Monday, counts double, you may work in groups of two.