

CS16 Section 4

Mini Assignment

Mar 4th - 6th

Please bring a hard copy of your mini assignment to turn in at the beginning of section.

Read the heap handout and answer the following questions:

1. What is the difference between a position and an entry? Which holds the key/value pair?
2. When you upheap, does the position or the entry move?
3. Give a real world application of a priority queue. What would the key/value pair types be?
4. What is the runtime of heap add and remove?