
CS 302, Spring 2007

Assignment #1

pq

Due 2/2/07, in class

Part 1: Using C under Linux implement a priority queue first using an array and then a linked list.

Part 2: Answers book problems 38.1 and 40.19¹

What to hand in

- (1) A 1 page (or envelope back) program design (hard written ok).
(unless otherwise stated all work handed in should be typed.)
- (2) A well formatted 2-up listing of your code. (see `a2ps(1)`.²)
- (3) The output from the execution of your program on well chosen test data (`script(1)`). Don't know what "well chosen" means? Ask :)
- (4) Answers to book problems 38.1 and 40.19.

Notes

- (1) Check out
<http://cslibrary.stanford.edu/106>
and definitely
<http://cslibrary.stanford.edu/104>

¹ Book problems will be given page-number.problem-number.

² Courier terms followed by a number refer to linux man(ual) page entries. To access the online manual type, in the case, `man 1 a2ps`.