

COP 3502 Section 1 Program 6 Grading Criteria (100 points total)

Code Points (30 points)

Uses all given constants and structures – 5 pts
Reads input and has main loop structure to process it – 5 pts
Implements Heap Functions – 10 pts (Note: Not requiring heapify, can either do heapify OR insert, and must do deleteMin, percolateUp and percolateDown, or equivalents)
Has over 200 lines of code (with comments) and a reasonable functional breakdown – 5 pts
Frees all dynamically allocated memory – 5 pts

Style Points (10 points) – Please award full credit just based on one program submitted

Header comment – 2 pts
Meaningful variable names – 1 pt
Use of whitespace – 1 pt
Internal comments (includes function descriptions) – 5 pts
Use of constants – 1 pt

Execution Points (60 points)

There are 10 cases, 6 pts each, feel free to give partial on a case if you think it's warranted.

TIME LIMIT of 4 seconds.