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CIS 2168

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Lab 7c Supplement

Part 3:

```
Test 1
 Uncomment lines 9 through 37 in TopMints.java to run this test.
            Top 5 integers are
999986
999988
999990
999995
999996
It took 1.10 seconds to process 1,000,000 integers using a priority queue.
Test 2
            Top 5 integers are
999986
999988
999990
999995
999996
It took 1.27 seconds to process 1,000,000 integers by sorting them.
```

- 2) It took 1.10 seconds for Test 1 to complete on my machine
- 3) The Big-O time complexity of Test 1 is $O(n \log n)$

- 4) It took 1.27 seconds for Test 2 to complete on my machine
- 5) The Big-O time complexity of Test 2 is also $O(n \log n)$