

CMSC 441

Homework 4

Reading Assignment:

- Listen to Gilbert & Sullivan's *Pirates of Penzance* (or see the movie.)
- Read Chapters 4, 6, & 7 of text

Homework:

- 1) Exercise 4.4-1, page 92
- 2) Exercise 4.4-2, page 92
- 3) Exercise 4.4-4, page 93
- 4) Exercise 4.5-1, page 96
- 5) Exercise 6.1-2, page 153
- 6) Exercise 6.2-1, page 156
- 7) Exercise 6.3-1, page 159
- 8) Exercise 6.4-1, page 160
- 9) Exercise 6.5-2, page 165
- 10) Is Max-HeapSort a stable sorting algorithm? Explain the reason for your answer.