

# CSCI 162 Homework 10

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Due: Dec 7th @ 11:59PM

1. What is a heap? What are its two properties which must be maintained?
2. How can you use a heap to sort?
3. Insert the following into a *Heap*: 1, 3, 5, 2, 4, 8, 6, 7.
4. Given the heap you constructed, remove the root **twice**. Show all steps.
5. What is the difference between a patent and a trade secret?