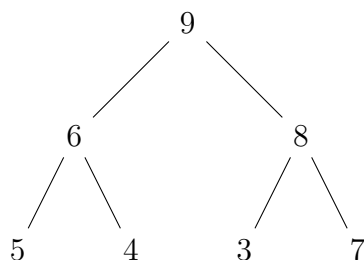# Mini Assignment 12

Due: 11:20am on March $19^{th}$, 2019

20 points

1. Insert the following nodes into a max heap in this order: 5, 9, 3, 6, 4, 8, 7. You are encouraged to show intermediate steps for partial credit however the final heap is sufficient.

```
            9
          /   \
        6       8
       / \     / \
      5   4   3   7
```

2. What does the max heap look like after 1 call to deleteMax? Again, intermediate steps are encouraged for partial credit.

```
          8
        /   \
      6       7
     / \     /
    5   4   3
```