1. Stepwise build a heap from 80, 20, 90, 30, 50, 35.   Show the heap.

2. Show what the heap from #1 looks like in the array.

3. Remove the top 2 items and show the heap.

4. Add 75 and show the heap.

5. Stepwise build a heap using the following sequence: 70, 50, 40, 20, 30, 60, 10

6. Show how the heap is represented in an array.

7. Add 55, and 66 to the heap and show the resulting heap

8. Delete the top 3 items and show the resulting heap.