11. [6] Show the result of inserting 10, 12, 1, 14, 6, 5, 15, 3, and 11, one at a time, into an initially empty binary heap. Use a 1-based array like the book does. After insert(10):

10											

After insert (12):

10	12										

etc:

1	12	10									

1	12	10	14								

1	6	10	14	12							

1	6	5	14	12	10						

1	6	5	14	12	10	15					

1	3	5	6	12	10	15	14				

1	3	5	6	12	10	15	14	11			

12. [4] Show the same result (only the final result) of calling buildHeap() on the same vector of values: {10, 12, 1, 14, 6, 5, 15, 3, 11}

1	3	5	11	6	10	15	14	12			