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The output is different because in bubble sort we just swap values to make it in the ascending order but for heap sort, we first take values in heap binary way and then heapify. Then at last reverse it. Because of the way to take in values heap binary way, the output is different but it is prioritized the severe patients.

Q d) Bubble sort's time complexity $O(n^2)$
Heap sort's time complexity $O(n \log n)$