BUILDHEAP and HEAP SORT

1.	Given the following array, show it as a complete binary tree {80, 20, 90, 30, 50, 35}. Don't make it a heap yet.
2.	When running buildheap on the above complete binary tree, what element do we start with? Why?
2	Show the heap after running buildheap to create a maxheap. Show each step.
J.	show the heap after running bundheap to create a maxineap. Show each step.

4. Run the in place heapsort, showing the array after each swap and heapify.