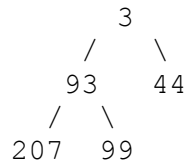


## 2) (5 pts) ALG (Advanced Data Structures: Binary Heaps)

(a) (2 pts) Is the following tree a valid minheap? If so, give an array representation of this minheap. If not, explain why it's not a minheap.



(b) (3 pts) Insert the value 3 into the following minheap. Clearly show each step of the process

