

Perform the following operations in order -

- 1) Insert the following values, in the order that they are given into a Min Heap. Show the heap after each insertion (in graphical tree form): 30, 20, 50, 10, 5, 70
- 2) Remove the minimum value from the heap. Provide the resulting heap (in tree form).
- 3) Add 8 to the heap. Provide the resulting heap (in tree form).
- 4) Remove the minimum value from the heap. Provide the resulting heap (in tree form).

