## **KEY POINTS**

A hear is a binary her which stores keys at its nodes:

- leap order
- Complete binary tree

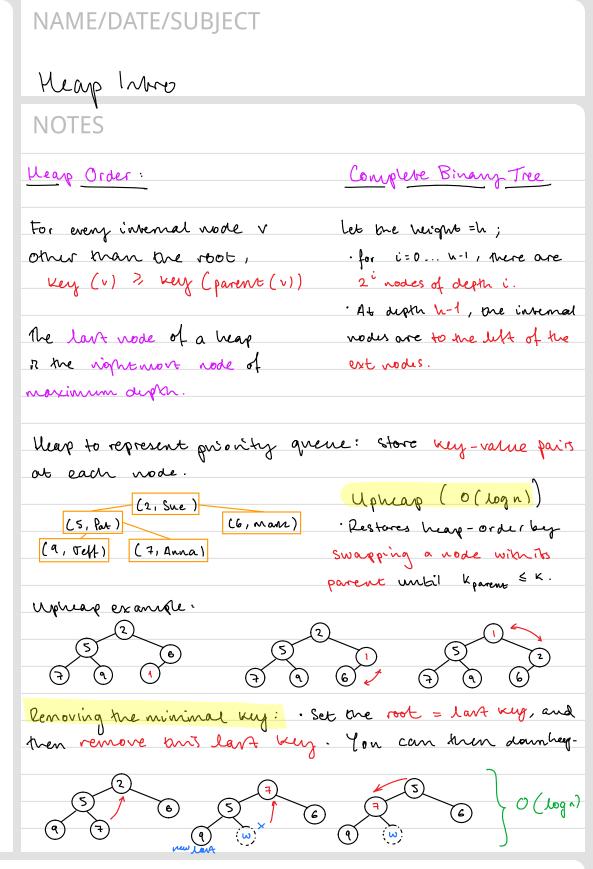
## Inserting to a map:

For a key K:

- · Add a new node, and store K here. This is the last node
- " Restore the way order property, via upreaq.

## Remove min

- · Set rook node to lan.
- . Downleap we tree.
- · Equivalent to remove thin from PQ ADT
- · Runs in O(log n) time as depth 8 o Clog n/-



**SUMMARY**