

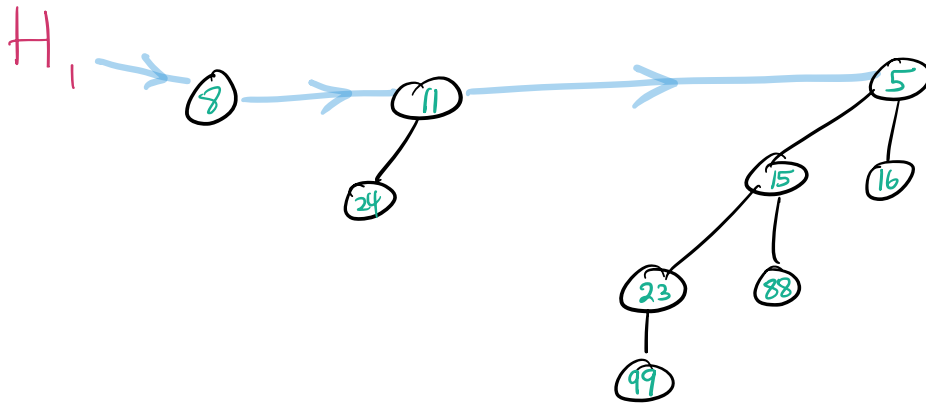
Tutorial
Problems : Fibonacci Heap
Binomial Heap

4-Nov-25

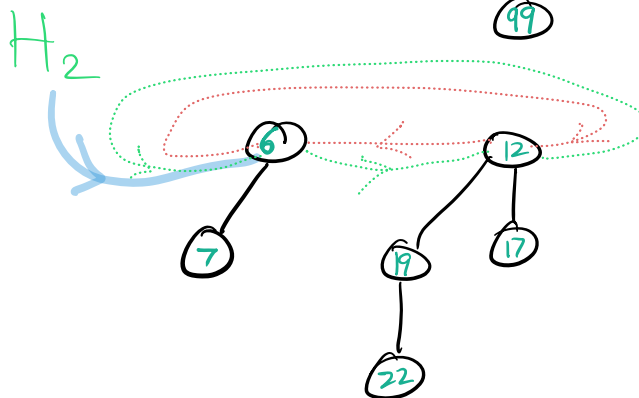
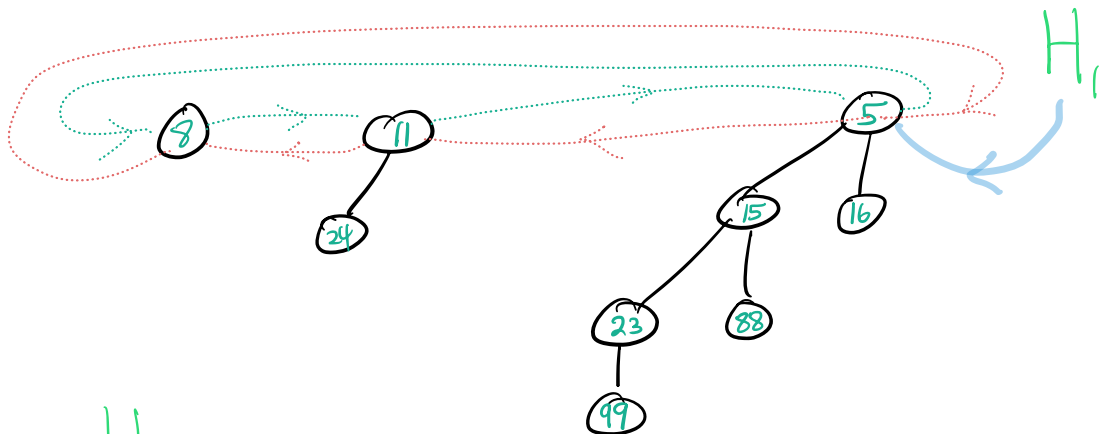
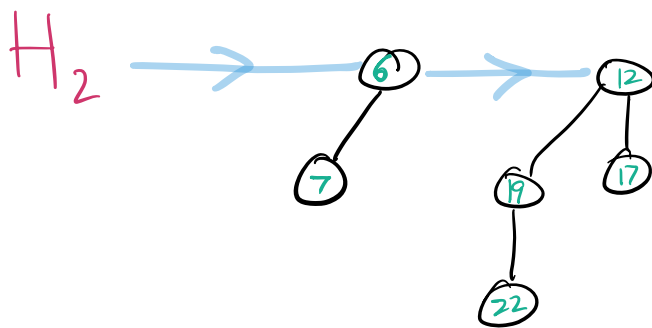
1. What does a binomial heap look like after these 16 inserts?

13, 10, 16, 2, 5, 12, 1, 4, 14, 3, 8, 9, 7, 15, 6, 11

2. What does a Fibonacci Heap look like after the same set of inserts?
3. Show both heaps after a deleteMin.
4. Show the result of merging the following two heaps, as Binary Heaps and as Fibonacci Heaps



as
Binomial
Heap



as
Fibonacci
Heap