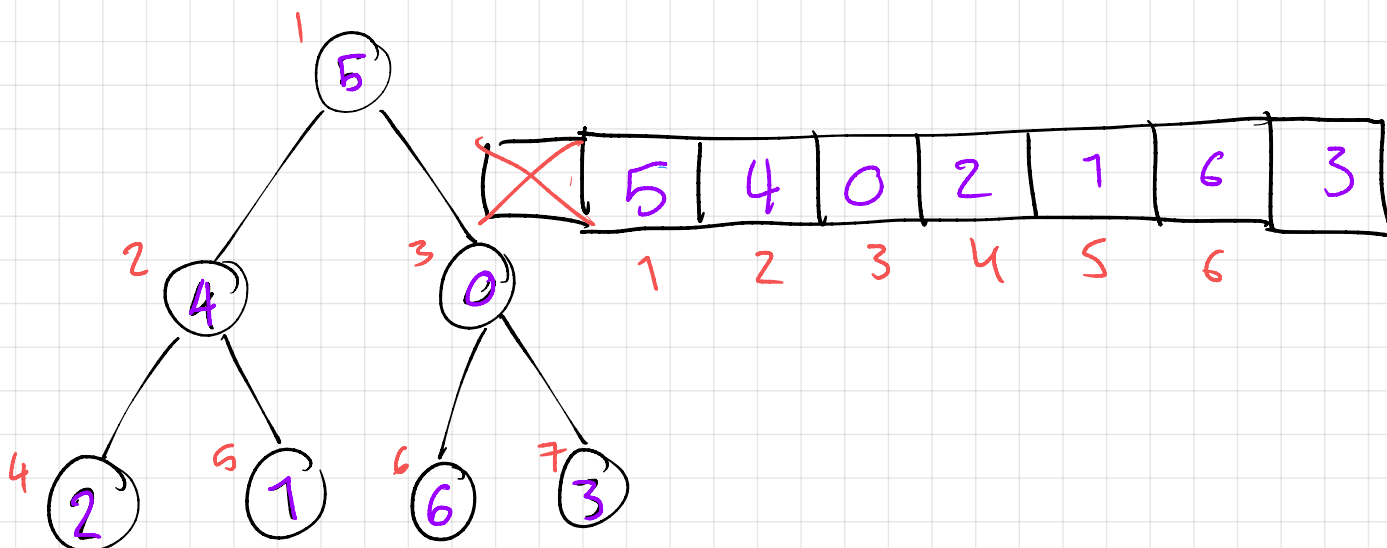


Priorities maps patient number to priority

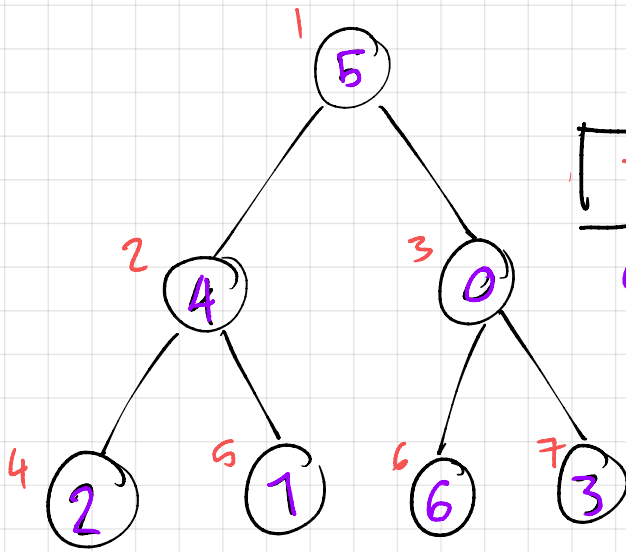
2.0	4.1	3.8	8.8	3.7	1.1	2.1
0	1	2	3	4	5	6

PriorityQueue stores the structure of the queue



indexToPosition

maps Patient Number to Position in the queue



3	5	4	7	2	1	6
0	1	2	3	4	5	6