Windowing Query

GRQ Using Heap

- Query

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queryHeap(v , q_x)

❖ // Given a (sub)heap rooted at v,

// report all $\boxed{\text{keys} \leq q_x}$

❖ if ($\boxed{!\ v}$ || $\boxed{q_x < v.key}$)

return; //pruning

output(v.key);

queryHeap(v.lc, q_x); //recurse

queryHeap(v.rc, q_x); //recurse