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## DSC 190 - Discussion 03

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### Problem 1.

In this problem we will implement two methods on treaps.

- a) Implement a `.min(x)` method which takes in a `TreapNode x` and returns the `TreapNode` in the subtree rooted at `x` which has the smallest key.
- b) Implement a `.successor(x)` method which takes in a `TreapNode x` and returns the `TreapNode` with the next largest key.