Problem: \( k \text{-RMQ} = \) find \( k \) smallest elements in given range \( A[i:j] \)
given \( O(n) \) space, \( O(1) \) \( \text{RMQ} \) block box,
solve \( k \text{-RMQ} \) without extra space (static)
\( @ \) in \( O(k \log k) \) time
\( @ \) in \( O(k \log \log n) \) time