

**An Example of a ChainList
Used for ChainSort, ChainSearch, and Best-fit Dynamic Memory Allocation**

$$\text{Recall } \text{MapKey}(K) = \left\lceil \frac{K}{10} \right\rceil$$

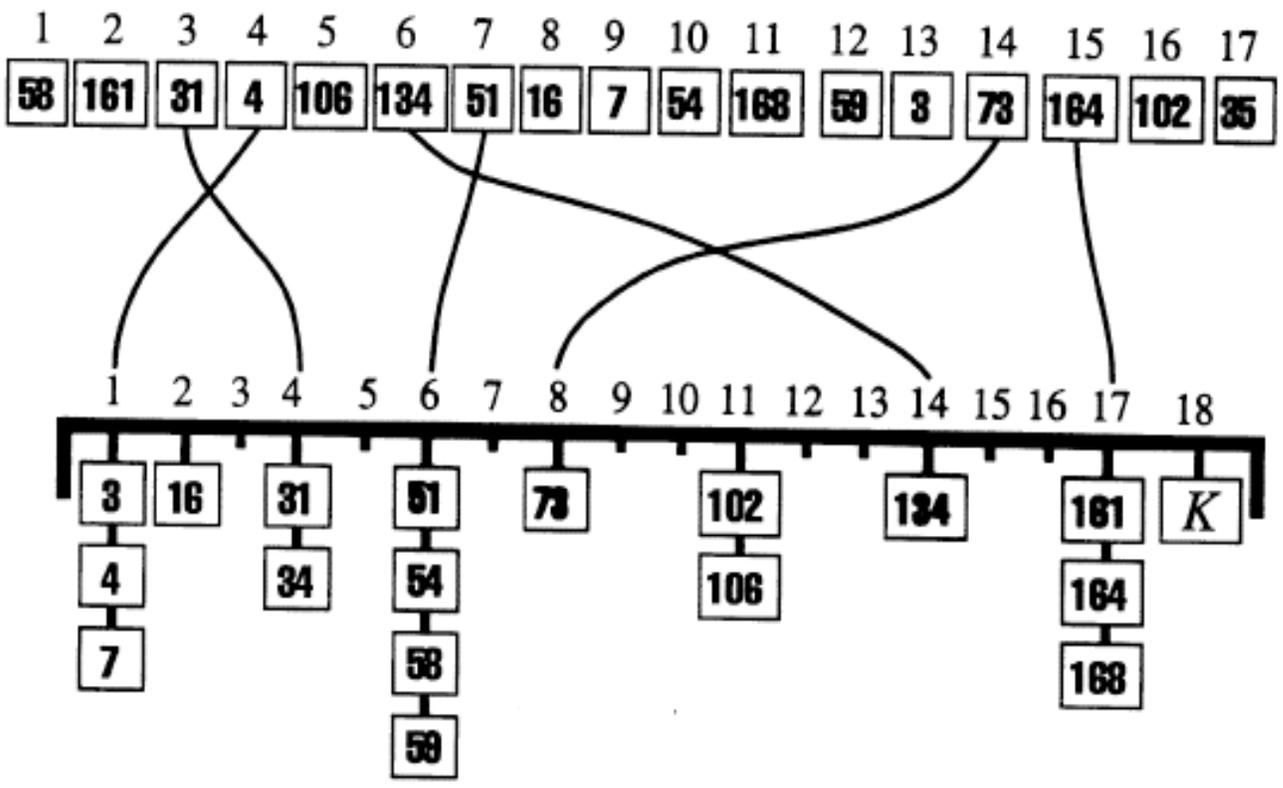


Diagram from “ $O(n)$ Sorting, $O(1)$ Searching and $O(1)$ Dynamic Memory Allocation” by Tim Standish, a Theory Group Talk given at ICS Friday, June 7, 1996