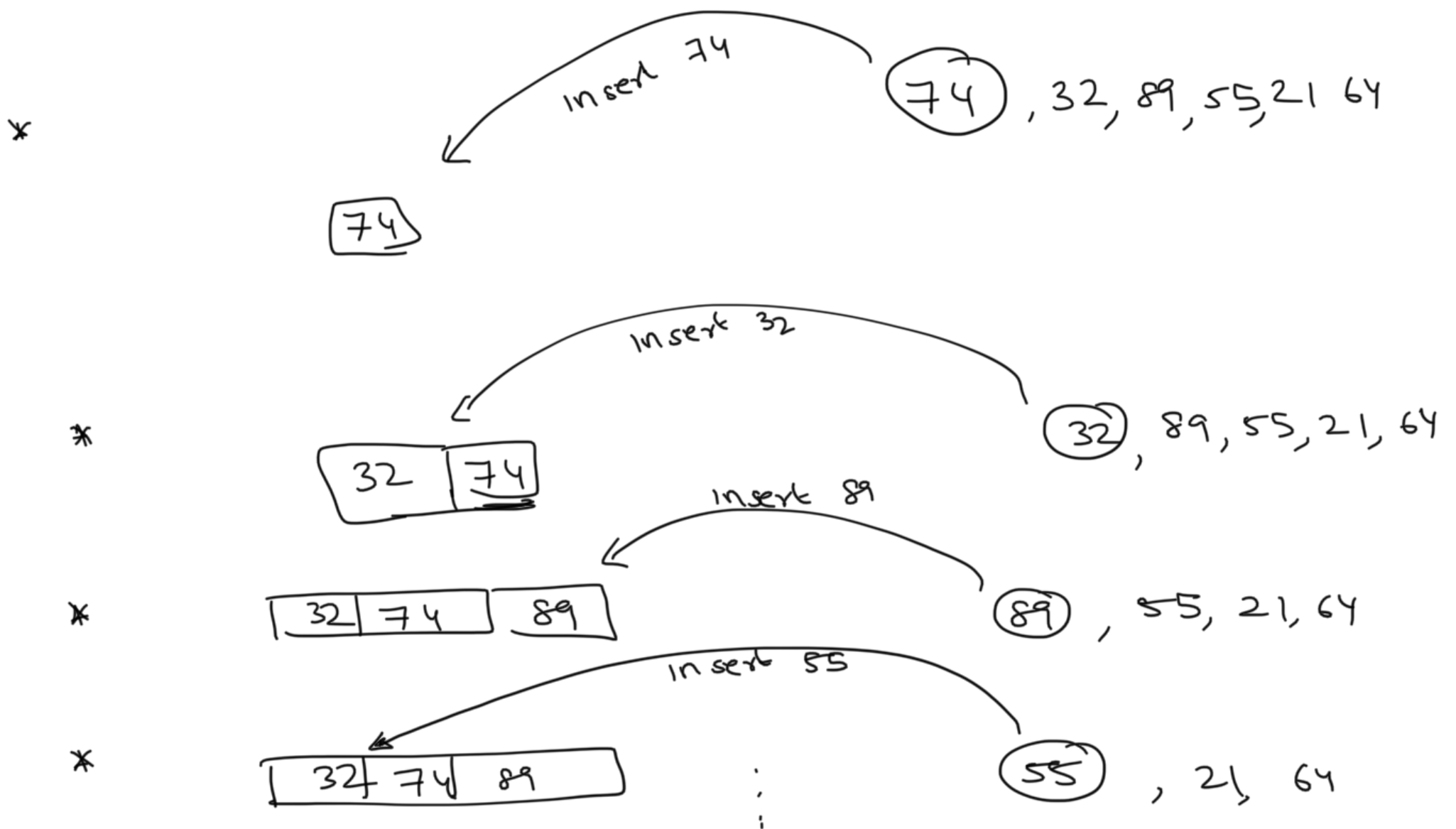
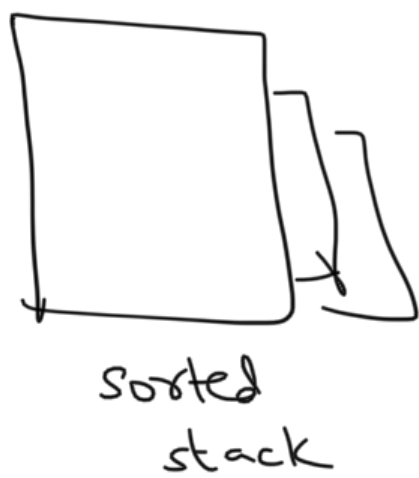


Insertion sort



→ insert (top of unsorted stack) into sorted stack

→ inserting k^{th} value \rightsquigarrow could take k steps

so $1 + 2 + \dots + n \rightarrow O(n^2)$ complexity