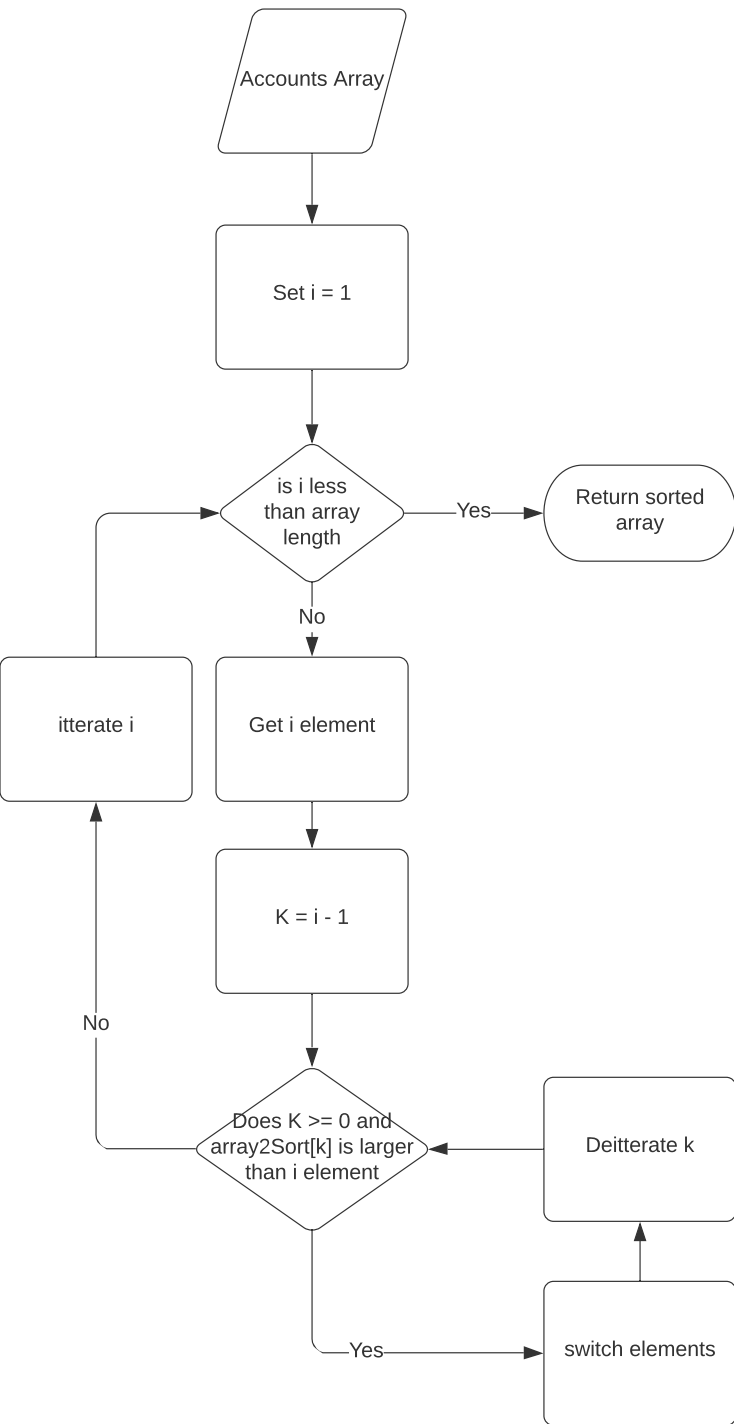


Insertion Sort Diagram

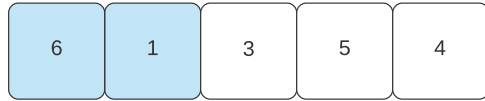
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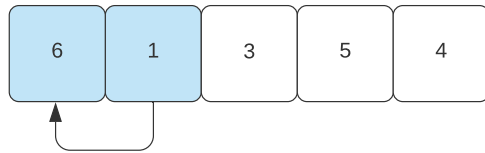
Gets 2nd element



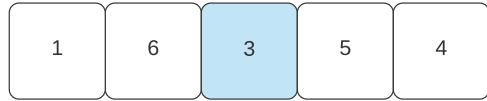
Will compare to element before it



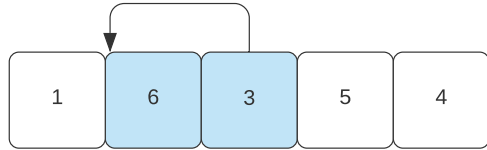
Since $1 < 6$, it will continue to the element before the 6 to see if 1 is smaller. Since there is no element before 6, 1 is placed before 6



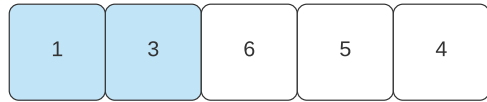
2nd pass, third element will be current element



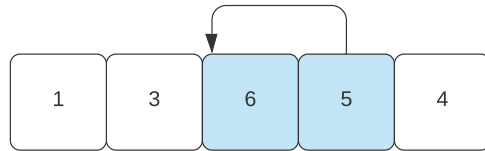
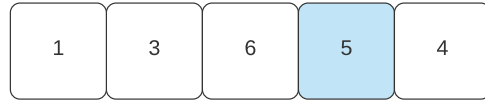
Will do compares to elements before it



Will check next values before current value. Since $1 < 3$ nothing changes and the sorting pass is done.



3rd pass, third element will be current element



Forth Pass

