

Stack \rightarrow $\left. \begin{array}{l} W \rightarrow (4-5) \\ Th \rightarrow (12-1) \end{array} \right\} (2+9) =$

\rightarrow (Linear DS)
 \rightarrow (LIFO)

\rightarrow by using Array,
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Java Collection

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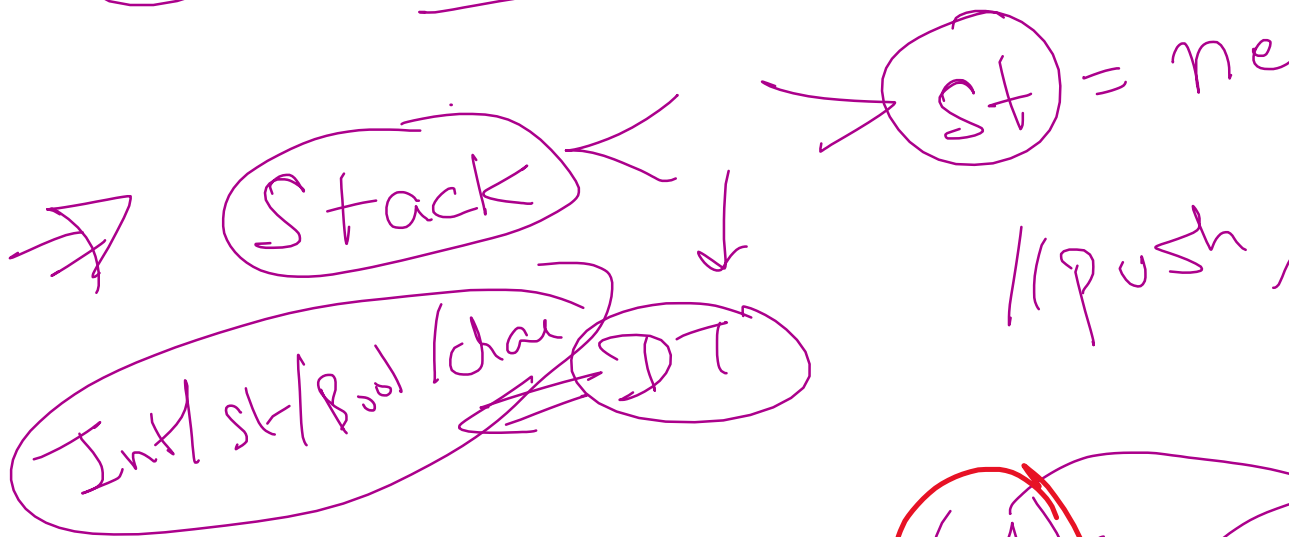
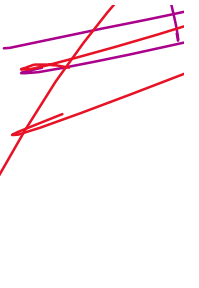


Diagram illustrating the push operation on a stack. The stack is represented as a container for elements of type DT. The push operation is shown as a sequence of three calls: `st.push(1)`, `st.push(2)`, and `st.push(3)`. The elements 1, 2, and 3 are circled in red.

Diagram illustrating the pop operation on a stack. The pop operation is shown as a sequence of three calls: `// pop`, `st.pop()`, and `2 < st.pop()`. The first two calls are crossed out with a red line.

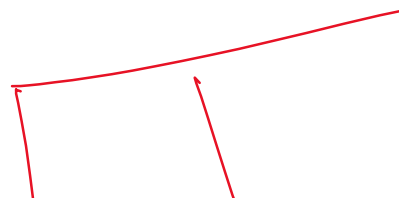
Diagram illustrating the peek operation on a stack. The peek operation is shown as a sequence of two calls: `// peek` and `// is empty`. The first call is crossed out with a red line.

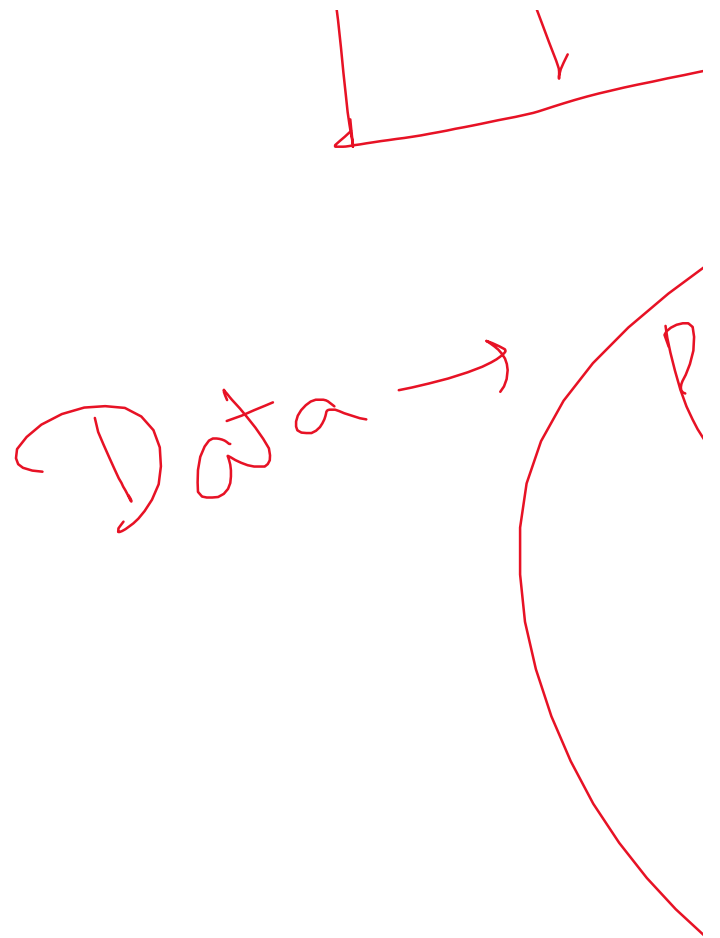
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Impl

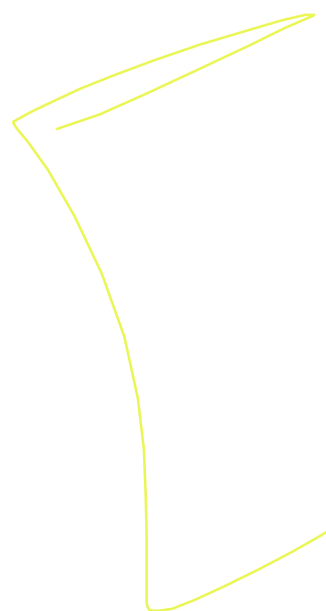




class

// indexing

// max size
of Array







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