**ADT STACK**

Together with LIST and QUEUE, another important ADT is the STACK.

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Find out how a stack is defined and how it works (use your prior knowledge and/or make a research).

1. **Define the ADT** (mathematical and logical model of data and operations)
2. **Define the CDT** (feel free to choose any convenient data structure, not necessarily an array; outline how the data structure will support the ADT operations).

*Do not forget to identify the error situations.*