# (Abstract) Stack: (last in first out)

1. Objects are always pushed onto the stack,
2. The top of the stack is the object that was most recently pushed onto the stack
3. When an object is popped from the stack, it removes and returns the current top of the stack.

Visually:

* Examples:
  + Parsing code, including:
    - HTML and XML
    - Matching parentheses in C++
  + Allocating memory for function calls
  + Tracking undo and redo operations in most applications (going forward and back in a web browser)
  + Evaluating expressions in reverse Polish
  + Formulating assembly language instructions

# Implementation

1. Singly Linked List
2. One-ended array implementation