

## Tutorial / Exercise – Stacks

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- 1) Create an Integer stack class using the layout given in the slide. It must store an array of integers and must contain the following functions:
  - a. Empty - Returns true if stack is empty
  - b. Size - Returns the number of elements
  - c. Push - Adds integer to the end of the stack
  - d. Pop - Removes integer at the end of the stack
  - e. Top - Returns the integer at the end of the stack

Ensure your Stack class handles resizing correctly.

- 2) Alter your Stack class to use a generic data type instead of integers.