Implementations of the ADT Stack

Chapter 7

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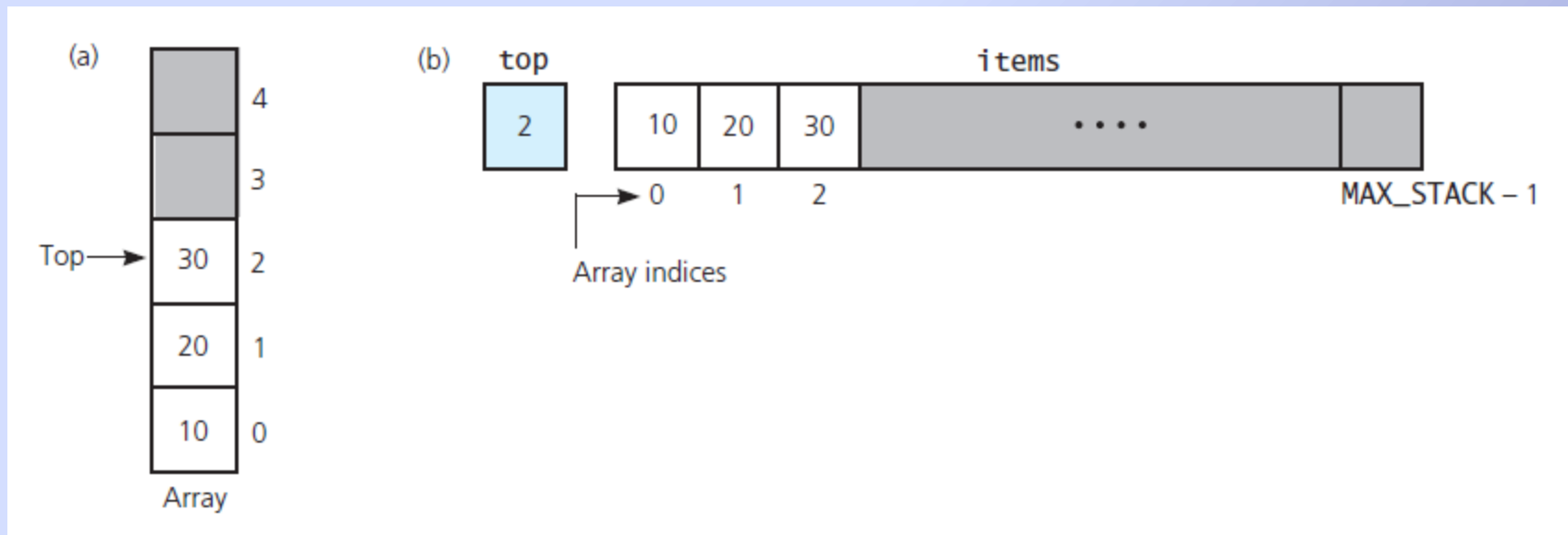
An Array Based Implementation

FIGURE 7-1 Using an array to store a stack's entries:
(a) a preliminary sketch; (b) implementation details

An Array Based Implementation

- Consider a header file for an array based implementation, Listing 7-1

- View the accompanying implementation file, Listing 7-2

.htm code listing files must be in the same folder as the .ppt files for these links to work
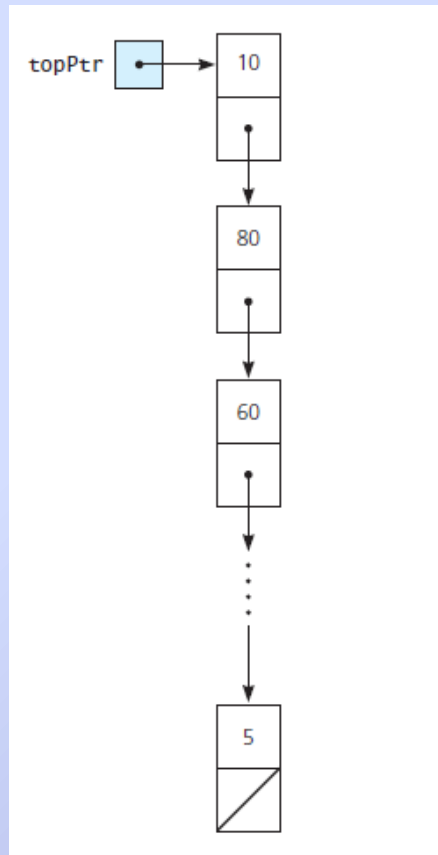
A Link-Based implementation

FIGURE 7-2 A link-based implementation of a stack

A Link-Based implementation

- View header file for an link-based implementation, Listing 7-3

- Note the accompanying implementation file, Listing 7-4

Implementations That Use Exceptions

- Note header file for the class **PrecondViolatedExcep**, Listing 7-5

- View the accompanying implementation file, Listing 7-6

End

Chapter 7