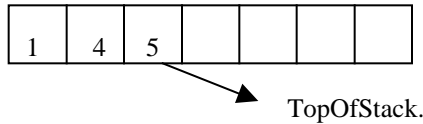


More on Stacks

Feb 9.

Implementation of a stack using an array

We use an array of objects to represent the stack of objects.



We use a counter to find out where the top of the stack is.

Advantages/Disadvantages?

- Arrays have fixed size, where linked lists can grow to arbitrary size.
- Arrays are slightly smaller and take less memory.

Sophisticated Approach

If the array gets filled up, make a new, bigger, bigger one and copy the stack to the new array, freeing the old one in the process.

[See the Stack example from the text ☺](#)