| Note Titl | S180 - Stacks - (ch 5.1) | 9/19/2012 |
|-----------|--|-----------|
| | Announcements | |
| | - HW due Sunday | |
| | | |
| | -Look for make on announcement page -> make | |
| | | |
| | or: gtt SlinkedList.h | |
| | 7 | |
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| | | |

Stack: a way to store a list of data

Ex: Web browser: Store history for
"back" button

Ex: Text editors: Store previously used commands

30026

he stack ADT: Supports 2 main functions: 10(1) - push (e): add e to "top" of the stack O(1) - pop(): remove e from the stack (limited, but fast)

Others

- top(): returns top element of the Stack without vemoving it

-empty(): returns true if stack

- 5,7el: returns # of objects in

Others

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-empty(): returns true if stack

- 517ell: returns # of objects in

Object is templated type Array - based:

Other functions to code House keeping

Underlying data will be kept linked list, not an array. Holude "Stinked list, h" private:

Functions What to code? Same

