The "stack" is	Variable Model
efficient but	example int $x = 50$ ;
	Idata   Model
memory is much more limited and	address Allocates on "runtime stuck" 50
can't be dynamically	
allocated.	X
The heap has much	The 'new' command
more memory	creates a variable without an identifier on the "heap".
available, and can	
be dynamic.	example new int(5); Madel
	[5]
	Allocates on "heap" (0x002)
	Allocates on "heap" (0x002) Programmer MUST delete
	How do we use a variable with no identifier?
	'new' returns the address. Try printing it
	How do we use a variable with no identifier? 'New' returns the address. Try printing its example cout << new int(5); // printed 0xld5de70
8	So how do we use/store addresses?
	Pointers
	are relatively small variables (stack-friendly) which store
Pointers also have	an address of a variable of a specific type.
an address where	(int pointer stores the address of an int)
they are stored	Pointers are created with the referenced type and an asterisk.
All variables dol	are relatively small variables (stack-friendly) which store an address of a variable of a specific type.  (int pointer stores the address of an int)  Pointers are created with the referenced type and an asterisk.  example int ptr = new int (42); Model
	aata: UXUIZ FILL TZ
	Shorthand model add: 0x004 (-) 0x012
	[] >\d2]
	PTC TIE