Notes

Chapter 1: Arrays and Strings

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_	often interchangeable
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	to Values for highly efficient look up.
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30	· ArrayList: an array line data Structure that offers
	dynamic resiting.
	- Typical implementation is that when the array is
	full, the array doubles in Size. Each doubling
	takes O(n) time, but happens so rarely that
	its amortized insertion time is still OCI)
	· Amochized run time: "average case"
	· String Builder creates a resize able array of all
	- String Builder creates a resize able array of 9/1 the strings, copying them back to 9 String only
	when necessary
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