CS1110 6 November 2008 Algorithms on arrays Reading: 8.3–8.5

The searching, sorting, and other algorithms will be on the course website, along with a JUnit testing class for them.

Please punctuate this:

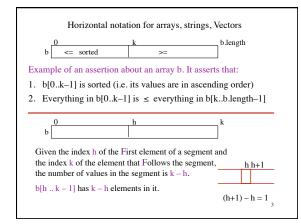
Dear John, I want a man who knows what love is all about you are generous kind thoughtful people who are not like you admit to being useless and inferior you have ruined me for other men I yearn for you I have no feelings whatsoever when we're apart I can be forever happy will you let me be yours

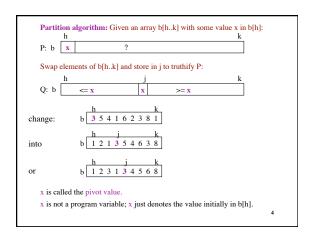
Gloria

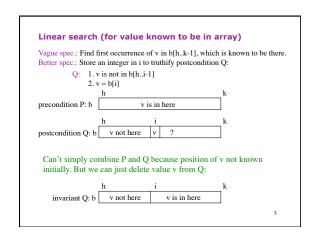
A neat example of the ambiguity of English! We try to use English properly and precisely, but ambiguity tends to creep in because of difference in cultures in which people grow up and simply because of differences of opinion.

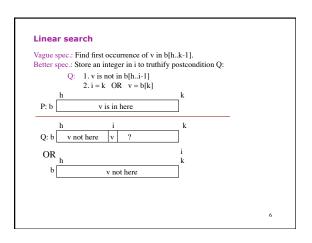
I want a man who knows what love is all about. You are generous, kind, thoughtful. People who are not like you admit to being useless and inferior. You have ruined me for other men. I yearn for you. I have no feelings whatsoever when we're apart. I can be forever happy -- will you let me be yours? Gloria

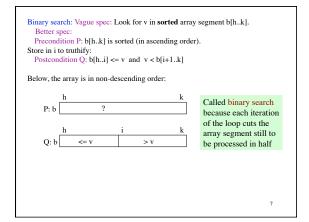
I want a man who knows what love is. All about you are generous, kind, thoughtful people, who are not like you. Admit to being useless and inferior. You have ruined me. For other men, I yearn. For you, I have no feelings whatsoever. When we're apart, I can be forever happy. Will you let me be? Yours, Gloria . 2











How many iterations does binary Suppose k-h is a power of 2. How many iterations does binary search perform? Figure it out, as a function of k-h, and be ready to tell us on Tuesday.	p 0 1 2 3 4 5 6 	make? 2^0 = 1 2^1 = 2 2^2 = 4 2^3 = 8 2^4 = 16 2^5 = 32 2^6 = 64 	
			8

