CMSC 330: Organization of Programming Languages

Context-Free Grammars

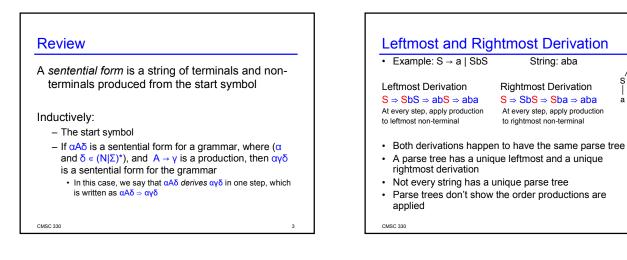
Review

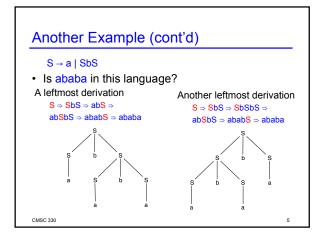
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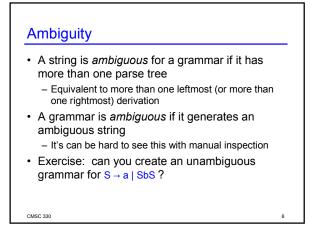
- · Why should we study CFGs?
- · What are the four parts of a CFG?
- · How do we tell if a string is accepted by a CFG?

b

• What's a parse tree?







Are the	ese Grammars Ambiguous?	
(1)	S → aS T T → bT U U → cU ε	
(2)	$S \rightarrow T T$ $T \rightarrow Tx Tx x x$	
(3)	S → SS () (S)	
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