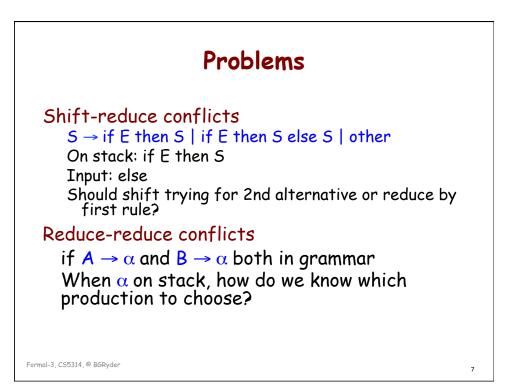
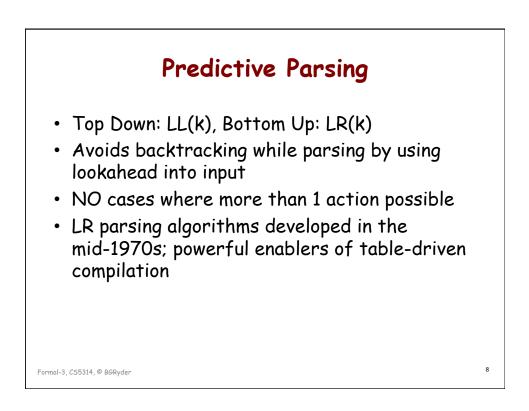
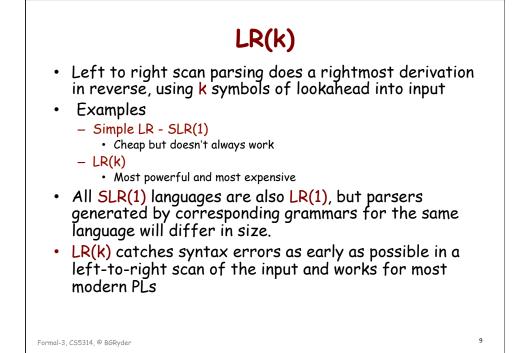
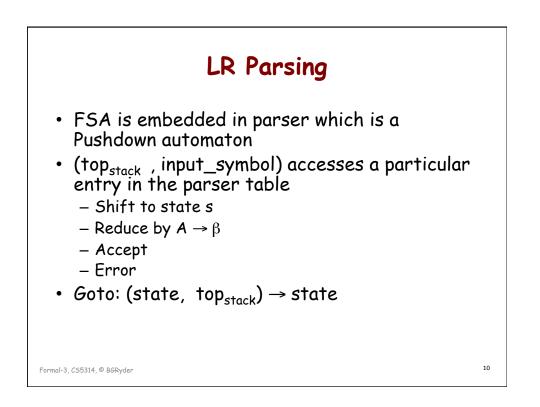


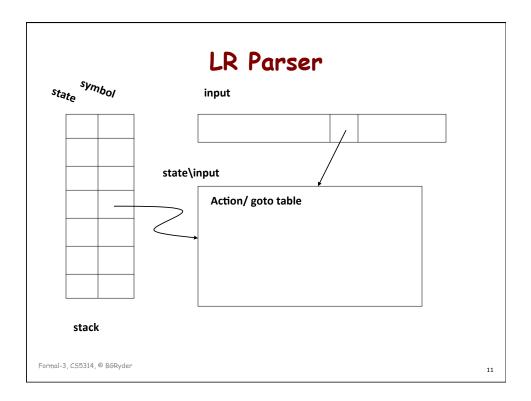
	shift, reduce, acc input A id1 + id2 + id3 \$ + id2 + id3 \$ + id2 + id3 \$ + id2 + id3 \$ id2 + id3 \$	cept, error shift reduce (4) reduce (3) shift shift	(1) $S \rightarrow E$ (2) $E \rightarrow E + T$ (3) $E \rightarrow T$ (4) $T \rightarrow id$
\$ E + id2 \$ E + T \$ E + \$ E + \$ E + \$ E + id3 \$ E + T \$ E + \$ E \$ \$ S	+ id3 \$ + id3 \$ + id3 \$ id3 \$ id3 \$ \$ \$ \$	reduce(4) reduce (2) shift shift reduce (4) reduce(2) reduce (1) accept	

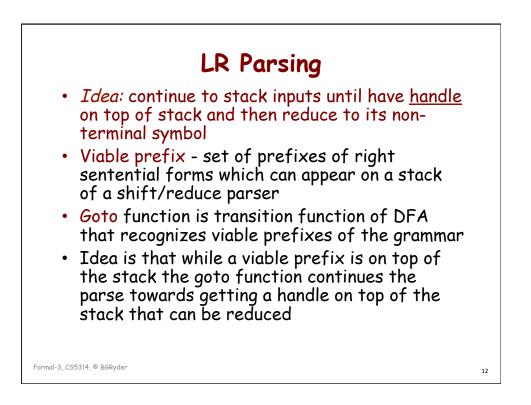


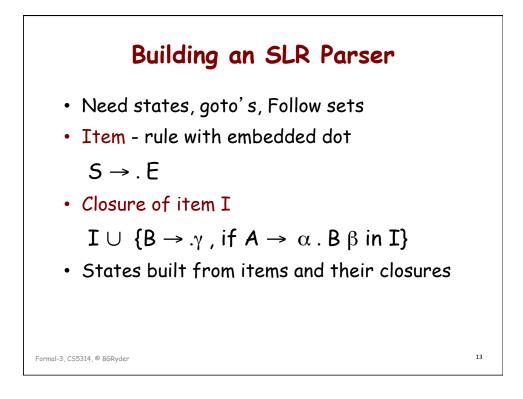


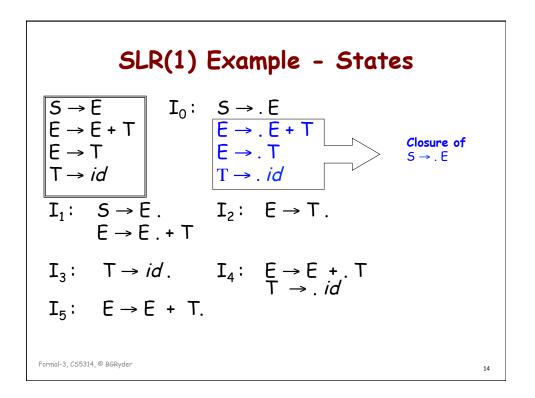


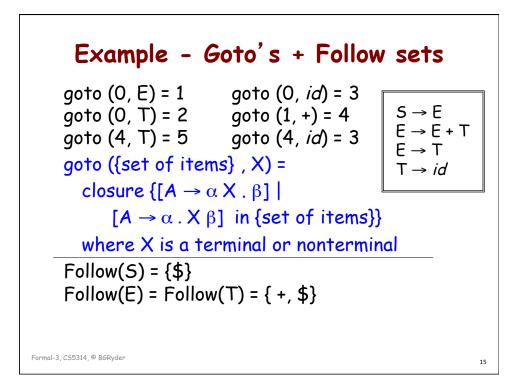










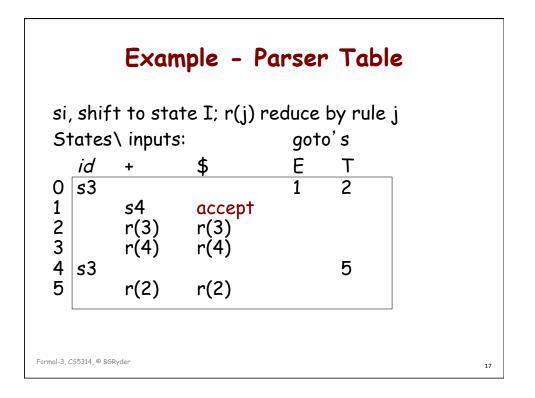


## Rules for forming Follow Sets ASU p 189

- 1. Follow(S) contains \$
- 2. If  $A \rightarrow \alpha X \beta$  then everything in First( $\beta$ ) except  $\epsilon$ , is put into Follow (X)
- 3. If  $A \rightarrow \alpha X$  or  $A \rightarrow \alpha X \beta$  where First( $\beta$ ) contains  $\varepsilon$ , then Follow(A) is contained in Follow(X)

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Example			
<u>Stack</u> 0 0 <i>id1</i> 3 0 T 2 0 E 1 0 E 1 + 4 0 E 1 + 4 <i>id2</i> 3 0 E 1 + 4 T 5 0 E 1	input id1 + id2 \$ + id2 \$ + id2 \$ id2 \$ id2 \$ \$ \$ \$	action s3 r(4), goto on T r(3), goto on E s4 s3 r(4), goto on T r(2), goto on E accept	
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