1) L = Eoi po oh: [,j, h 20 and (i=j or j=h)} S -> AB/BC A -> DAILE B 7031E C71CO/E yes this con execte multiple strings - Th 2 littmost derivations. An crample is 010 which has the two strings of, 10

HW S

**J**) A -> BAB B E B-7 00/E eliminate C A-7 BADIBIABIBAIA B B-> 00 New Start state 5-7 A/E

A-7 BADIBIABIBAIA B B-> 001

Remove unit productions 5-7 AlE A-> BAB/OO/AB/BA/A 00 70

26-30 x 7 AD

(S -> E(DZ | DD) BA(AD) VOV6

A -> BZ | BD| BA(AD) VOV6

X > AB

B > VOV0