INPUT :5= 30,13 Let L = { ww / w & \$0,13\* } S(0) = {a" b". | n 2.13 -> CFL V S(1) = Secc, dd3 ->CFLV To show: S(L) i's a CFL Approach: to build a grammar for G: S => 080 151 8 = ) CFG for L =) CFG.fors(o) Go: 5 = a S b a b G: S= ccldd =) CFG for S(1) (G') for S(L): G': S=) XSX [XSX E So So S, S, ( -)S =) SoSSo |SISS, 12 | So = ) a Soblab