EELS 665 Rixing Lin 2855114 HWS. PROGRAM > MAN I PAREN RPAREN LURLY list RLURLY programtions= dist +> list one Hem list1. trans = (Ustz. trans a one Them. trans) MI st 2 trans out monthly uestion 1: lepsilon list.toms = 13 one Flom - decl one Hem. trans = ded trans 1 start one Item trans = start trans decl -> BOOL IP SEMIGOIN ded trans = 83 INT ID SEMICON declitrons = 53 Stmt -> 1 D ASSIGN exp SEMICOIN Hattons = (AD. Value) (Pexp. trans) U 11F LPAREN exp RPAREN start stat tras= (exp. transnotant trans) Verptions U(stat.tuans-exp.tuans) Strat.tuans = list.tuans · ILCURLY list RCURLY exp -> exp PLUS exp -> expl-trans-(exp2.trans/lexp3.trans/lexp3.trans/lexp3.trans/lexp3.trans/lexp3.trans/ 1 exp LESS exp /7 SU(exp3.trons-exp2 trons) exp EQUALS exp3/ 8/11 11D PM exp.trans = {ID-value} | BOOLL | TERAL Exp.trans = f3 exp.trans = f3 1 INTLITERAL

{ X,a,b}. Besteam 02 SX, Q3 | SX, Q3 | OneHem S x, a, b}

Stat | Sx, Q3 | Stat | SX, a, b}

Stat | SX, Q3 | Stat | SX, a, b}

Stat | SX, Q3 | Stat | SX, a, b}

SX, Q3 | SX, Q3 | SX, A, b}

SX, Q3 | SX, Q4 | S3 | SX, A, b}

SX, Q3 | SX, Q4 | S3 | SX, A, b}

SX, Q3 | SX, Q4 | S MAIN LPAREN RPAREN ZCURLY 1:5t {xiab} RCURLY melten 53 / 1st BOOL ID SEMICORN INT IDTEMION & ASSIGN expir INT I ENEMION