Krishin Wadhwani CS 320 Pt. 2 Assign 0

Problem 1 Gramma- : (ARTITIONE) Cdisit7 := 0111...19 Crot 7:= Estata 2digit7 | Ldigit7 | A crot7 cint 7::= < not7 1 - < not7 CEMPT ::= Cint7 (Lexpry) Cexpr7 + < expr7 1 CEXPT > K CEMT > 12 +2 \* -07 derivation rightmosts Lexpr7 ceppr7 \* cexpr7 CENTT X LINTY CEXPIT X-CD OAT CEXPLY & - (Tight Chart Centra \* - cdignaz digita C exp-7 \* -07 Cexp-7 + cexp-7 x -07 CEXPT7 + CROST x -07 Cex1-7 + cdigit7 + -07 (expr7 + e222 4 -07 <int7 + 2 \* -07 <not7 + 2 + -07 CdigAT Crost 12 + -07 Cdigit 7 cdigit 1 +2 #-07 Ldig,772 +2 \* -07 12+2 \* -07

hrishin Wathwani CS 320 Pt. 2 HWOS problem 2 derive using bestmon dersentin & for X = -12 to 10 do { Y = 0; Pass } < Stmts7 < Stmt7 &for Cil7= Cexpr7 to cexpr7 do cstm17 for clether = cexpro to cexpro do cotmto for X = 11 4 11 4 4 4 for x = <int7 to Lexpro u for X = - Knut 7 to Cexpr7 4 4 for X = - Cdigit7 Crot7 to ceop-7 " " for X = - I crost 7 to cepp- 7 " " " for X = - 12 digita to Lexprany vid ny for X = -12 to Cexpr7 for x = -12 to cint 7 4 4 4 4 for x = -12 to cross for X=-12 to <digit7 crozz n 4 h 4 for x = -12 to 1 anat 7 u 5 u 4 1 C digit7 " 1 2 2 4 for x = -12 to do Cormin for x = -12 to 10 do 3 CS+mb3 > 3 tor X=-15 40 10 do & CS+m+7; CS+m+572 for Xz-12 to X 212 to to do ¿Cid7=cexprz j CJIMHS >} W Lo &y = cenp-7; estmy >2 X = -12 to 10 do {Y = Cint7 ) CStats 77 for do { Y= Cnat 7; CS+m+528 10 for Lo & YZ(digit) CS+MISZZ rot X = -12 to do {y=0) Cs +m+573 do fy=0; (Stm+7} 40 211-V. 60213 10