Bramod Diy Astiforal Intelogenie BM19CS 405 lab text - 2. 01/01/2021 teamed sof Consider P. Or and P as Vastable and the Luowledge base contaîns follwing sontenus A=TR; P=>TO; RVA. Deign the cool for TT entailment and show. whether knowledge bale enter R. Coole: -Combinations = [Chrue, toue, True), (True, True, In [i]: False), (Toke, False, Tous), (Tome, False, False), (False, True, True), (False, True, Falde), (False, True, (False, False, False)] Valable = { 'p':0, 'q':1, '8':23 pronty = { '~':3, 'v':1, 1 :2} In [2] : def Pupat-Juler ()°. global Kb, 92 bb = Cupat (" Enter Poli") 9 = Puput (" Enter Onely")

1BM19CS2105 9 = (Puput (" Enter Oney")) Pramod Dy Puto (3) 6 global kb, 9 prote (** " * 10 +" Thuthtotable Reference", 11 * 11 * 10) poPut ("kb", "alpha") pollet (" +" *10) for comb Pn combantions S = evaluate Post 7Px (to Post 6Px (K,b), cons) 7 = Evaluale Poetfox (to Poetfox (91), Loub) -Prout (5,7) poPut ("_" *10) 36 for bus 2 29 Sebra Falu Jeturn Thu In Ca det 1º2 Operand (c): Return C. Tealpha () and (;= 'v') def Priet Paranther (c): geborn e=="c" det intoght Paranthèle (c): alton c = = ")" all a Enfty (stack): Jetom. Sterk[-1]

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det hae Lenno v Equal Preorly (GI CL): Pramod Diy detorn pspostly [ci] <= pspostly Loc2] except Ky Eseon: Setvon False on (s) det to Poetfox (Pufox): &tenk [] Postbon = "" For e 9n Publix: Pb Pe Operand (1): poethox += C elac Peloft Pasametamico: etack appendic) elib re Regut Paranthere (c): Operator = Stack. pop () whole not le Left Revautherse (0, posator). postfix + = Operator Operator = etack. Popc) who le (mot Engity (efact)) and hallen OvEqual Browty (c, neck (steels) poetspx + = efack.popc) eamo

etre etai k. cyperd (c) 1BM19C5405 whole (not Pe Empty (stack)): Barrod Dy Parther + = Steak . popc) seturn poetbex In [6]: det _eval (? Vali, Valz): 96 P == '1' setorn 1/a/2 and real 1 setim valz or val 1 evaluate Poetbex (exp. comb): Stack = [] bor ? En exp: etaile. append (comb (Val Eable [9]) ely 7==1-1: Stent append (not Val) elre: Vali = Starle. pop() Val2 = etack. popc) Stark. append Ceval (P, Val2, Val1) letin stank. pop () In (II): Puput_ Suler () ans = entertiment()

