Haush Sharkan Rao 1BM12C5032 Lab Test-2

Program -3

def vissoure (clause, green) tury o clauses copy 1) temp . Inegate (query)] Atels a dict () Stuf you clause un temp! staps I clause] = 'Given!

Stock [regate Query] ? 'Nyald wondersion

while i < den (tremp):

ne den Ctump j 2 (i+1)% n

hules = []

while 1/2 ?

term 1 = split treums (tremp [i]) toum 2 = Split terms (tump 297)

for c'un terms!: if negati (e) un terms 2:

Harsh Shankan 1BM 18CS032

VI 2 Et jen tur turnt uf toocs 122 It you tim telm 2 if the negations? gen = 91+ 12 if an (gen) 222: if gen lo]!= negate (gen [1]): vrules + 2 [f '{ gen So Shr { gen [1] 3] 2 if contradiction (goal, f'{ gen 20] 3 v {gm2:] 3'): temp-append (f '{ gen [0] } v { gent [] }) Stups ["] 2 f "Resolved & temp [i] 3 and & temp gill to 3 tenf 2-13, which in tum is well. In A contraction is found when Engate (god) 3 us assumed as true. Hena, Egan 3 els true" vetum steps slif den Cgun) 221 rules + slauses + 2) + [genlo] } if contradiction (goal, f'C'éteem [0] 3 v { tem 2[0] }'): tump append (f & term To J3 v & term 2 5033') Steps ['] = f "Resolved Etemp [:] 3 and Etemp [] 3 } to Eturn [-1] , which is in turn mull. In A constradiction is your when I negate I good. is assumed as true Henre I good? is true."

Harel Shankar vietum dife 1BM 12 (5032 got clause in releases? If while in walling yer wale on unles; if wall not in tremp and dance vide & = severe (crule) and crescence Circle) not in temp: treng append Calaus Steps I clauses temp append (erule) stups I crule I of Resolved from & temp [i] 3 and tunp 5 j] 3.] 2(j+1) %, N Oretum stups

Alast