	Page: Date: / /
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,	ABHINAV VERMA AUG now 18M18CSO03 29-12-2020
	AI Labtest-2
	3.
	code
	impost se
	det meate leann)
	det negate (ferm): return f' ~ \(\text{term} \)' of \(\text{term}[0] \) = 'a' else
	term [1]
	let reverse (clause):
	if len (clause) 52:
	t = split_terms (clourse)
-	return f'st[1]3vstco]3'
	8 eturn
	let strit_terms(rule);
	exp = '(~* [PQRS])'
	jerns = re. finda((/exp, rule)
	xeturn terms
- 0	det contradiction (query, clause):
	contradictions = [f Squery 3 V Snegate quay)
	f regate (query) 3 V Squery ?]
^	return clause in contradictions or

Page: Date: / / temp: = (given: uy)] = Negated cond

	Page: Date: / /
	$gen = \frac{1}{1} + \frac{1}{2}$
	if yen (gen) = = 2;
	if gen[o]! = negate (gen[i]); claws + = [1's gen[o]]Vs gen [1]3']
<u> </u>	gen [173']
	0 (3)
	else:
	if contradiction (query, f'squeto):
	3 v [gen [1]]):
	tempiathend (f' & gento 33 v guri)
2	
	steps["] = f"Resolved & temp[i] and & temp[j] to & temp[-1]
	and 7 temp () 53 to 7 temp[-1]
-	yetum steps
	Olif len (gen) ==1;
	clauses += [f' Sgen [0]3]
	eve
- 1	
	[0] V\$ tems2[0])"
	team append (clause)
	steps [clause] = f'Resolved from
	Stemps[i]3 and ftemp (;13.
1.00	1 - 111111
	$j = (j+1)^{\circ}/0$
	seturn steps Ashiran
	(2)

	Page: Date: / /	
		ed 2 :
	del resolution (16h. anosa):	3,5
	del resolution (kb, query): Kb = Kb, Sblit (')	
•		
	print ('In step 1+ [Clause + Derivation 1+)	ر در کیا
	mint ('- " * 30)	ر این ا
	1 = 1	ين إند
	for slep in sleps:	سار ا الاركام
		بازيا.
	mindf (f' 5:3, 17 18steps	جذراء
	r step 33 /t')	-A. 19 0
•		-i. i.
	9+=1	-d- 6 4
		+
•	del main():	~
1	'hard I' Enter the Kb!")	
	print (the tu	
-	brint ("Enter the guery")	``
٠.	mint (thousand)	
4	guly - may	⊢ i-
	gesoupen (FD)	H. 7
in the second	N/16	+,%
<u></u>	Allynan	+.
		+ :
		1,12
		#.
-		1
		7
•		
		7