## papergrid

Date: / /

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	Name: V.K. Psuithink Anifeth
	USIV: IBMIBCS119
	Clam: 5c
	Code:
	vasuabh = {'s':0, T':1, R':2}
	priority = {'~':3, 'v':1, '1':23.
	de eval (i, vol 1, vol 2):
	y 1 = = 'N'.
<u> </u>	ruturn valoz and val 1
r. i	Julian vol 2 on val 1
I .	
<u>`</u>	dy is Operand (c):
	outurn C. esalpha () and ()='V'
	def isteft Paranthesis (c):
	94turn (== '('
	dy is Right Parantusis (c)
	suturn ( = = ')
	dy is Empty (stock):
-	return lin (stock) = = 0
	dy peck (stock):
 L	Sutwin Stock [-1]
	11 1 1 1 2 2 ( 10 : : + ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
·	dy hasters on Equal Priority (CI, C2):
	try:
	except. Key Ermon:
	John John Mary Land
	41

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	rutwin False
\	
	dy pholostin (infix):
·	Stack = []
	postfiz = '
·	for Cin infia:
: نن	il is opinand (c)
: يس	Postpix t = C
! 	else:
ا ا	if is Left Paranthisis (c):
ــــــــــــــــــــــــــــــــــــــ	stock: append (c)
	elif is Right Poronthusis (c)
<u></u>	operator = stock pop()
·	while not isheft Parantusis (operator)
<u></u>	postfix += opinotosi
<u></u>	operator = stack pop ()
<u> </u>	else.
<u></u>	while (Not in Empty (stack)) and
<u></u>	has Lisson Equal Priority (C; Pect (Stock)):
<u></u>	postfix + = Stock · pop ()
<u> </u>	Stock oppind (c)
~ <u></u>	while (not is Empty (stock))
<u>~</u>	postpia + = Stack pop ()
<u> </u>	gutusin postfiz
<u>~</u>	del and topological (and ):
	dy evoluate Postfix (exp comb):  Stack = []
~ <u>.</u>	il in any and (i)
\	Stock eppend (comb [varioble [i]]
<u>-</u>	lli] i=='v':
<u></u>	Val 1 = Stack pap ()
<u> </u>	Stock append (not val 1)
20	10.

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	elsi:
	val 1 = Stock · pop ()
	Vol 2: Stack. pop ()
	Stock oppind Ceval (i vol 2 vol 1)
	- suturn stock pop()
·	
de C	hick Entailment ()
Υ	Kb = (input ("Enter the knowledge base:"))
	gury = (input ("Enter the gury: "))
	Compinations = [[True, True, True],
	True, Folar)
	[ FTru, Folse, True]
	[ Tru, Folse, Folse]
	[ Folse, Trace, True]
	[Fabe, True, Folse],
	[ Fabr, Fabr, True],
	[ Foby, Folse, Folse]
	postpia bb = to Postfix (kb)
	postfise q = toPostfise (query)
	for combinations in combinations: combination).
	eval-kb = evaluati Postfix (postfix-kb, notion)
	eval 9 = evaluat Postpin (postfin q, combi
	posint (combination, ": kb=", 4vol-kb,":9=",
	if (eval Kb:=Torus):
	1) (evol 9 = - False):
	print ("doesn't entail")
	outurne Folse.
	point (Entoilo").
	il _ nome _ = = "_ main_":
<u> </u>	Chiele Entoniment ().
	/.