papergrid PROGRAM: 4 Date: 28 /12 /20 Showed Ali Al Lab test. 2 1BM18CS135 Convert FOL to CNF det get Attributes (String): enpr = '([[] +1)' matches = re. (indall (emp, string) der DeMorgan (Sentence): String = " joint (list (sentence) copy ()) string = string replace ('~~) " flag = [in stay String = String replace ('~ [', '') string : 5tring (']) (or predicate in get Predicates (string): string = string replace (predicate, ('-{ predicate?') 5 = list (Strips) (or i c in enumerate (8ting): 16 6 == (1): SCIT = 187 chic == 'R1: SCi] = '() Stry . 1. Soint (5) String = String replace ('~~', ')
return f '[{ String?]' if Glay doe string

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der Skolemization (sutance):
Skocken constants = [f'schr(c)? (a c in
range (ord ('D'); ord ('2')+1))
Statement: ' join (hist (sontance) copy (7)
matches = re. findall ("[V7].", statement)
Cormatch in matches [:: -1]:
statements . replace (match, 1)
statements = re pindall ("I[I[]]+1]) 8tetents)
(March Cantest to State of the stands
def (al to cone (col):
Statement = fo(. replace (" <= >" " ")
while in statement:
1: Statement inden (1)
new- statement = '[' + Statement [: 1] + '=) + statement
Statement: new_ Actument
Statement = Statement . Leplace ("=)", "_")
enpr = '[[(~]] +)]'
Statement = re. Gindall (enpr. statement)
print (Skolemizatia (Col to- ang (" In [Likes (Pam, n) =) Likes (Sota)

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