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AI LAB TEST-2
Write-4P
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det fol-to-enf (fol):
    statement = fol. replace (" <= ")" ("_")
     while ( ) in statement:
          i= statement.index('-')
           new-statement = '[' + statement [::] + (=) + statement [:+1:]
                             + '] & [' + Statement [i+1:] + (=)' + Statement [:i] + (]'
            statement = new-statement
     statement = statement. replace ("=)", "-")
     exbx=,/[([,]]+)/],
      statements = re. findall (expro, statement)
      for i,s in enumerate(statements):
          if (E' in s and 'I' not in s:
               statements [i] et = '7'
      for s in statements:
           statement = statement. replace(s, fol-to-cnf(s))
       while (-) in statement:
            i = statement index ('-')
            br = statement index (([)) if ([' in statement else )
            new-statement = (-) + statement [bx: i] + (1) + statement [i+1:]
            statement = statement [: bx] + new_statement if bx>0 else new_statement
        while (~Y' in statement:
            "= Statement . index ( '~ +')
            statement = list (statement)
            statement[i], statement[i+1], statement[i+2]= ']', statement[i+2], (_)
             statement: ". join (statement)
         while 'n] in statement:
             i= statement, index ('~7')
             s=list (statement)
             s[i], s[i+1], s[i+2] = (Y), s[i+2], (-)
               statement = (1.join (5)
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statement = statement. replace ('-[Y', ([-Y')])

statement = statement. replace ('-[Y', ([-Y']]))

expr = '(~[V |]],)'

statements = re.findall (expr., statement)

for s in statements:

statement = statement. replace (s, fol. to. cnf(s))

expr = '~\[[^]]+\]'

statements = re.findall (expr., statement)

for s in statements:

statement = statement. replace (s, De Morgan (s))

return statement