Statement = Statement . suplace ("=>", "-") expr = ' \ [([^]] +) \]' Statement = ou. findall Cerps, Statement. for i, s in enumerate (State ments): State ments CiJ += J'

for S in State memors; state ments = statements, replace

(s, tol-to-cob(s)) ..

(D)

State munt =

import ru

Cocle :-

```
IBMI 8 CSORT
         while ! - ! in State mout;
                                               Dhansay. K.
                i = state ment . index('-1)
                bo = Statement olnder ("[") if "[" in statement
  else O.
                now_statement = '- '+ Statement [bosi] = 11
  Statement · [iti:]
                 Statement - Statement [: 58] + new_statement
  if bo 10 else new statement.
          while . '~ Y' in statement;
                  i = Statement . Index ('~+')
                  Statement = lest (Statement)
                  Statement [i], statement [i+1], statement
[i+2) = 'J', statement Ci+2], in
                   State ment = ", join (Statement)
           in state ment;
                  i = statement . Inden ('-7')
                  S = lust (statement)
                    SCI], SEI+1], SCI+2] = 'Y', SCI+2], \~!
                     Statement = " join (s)
            State ment = statement , suplace ('~[+']'[-+')
            Statement: Statement suplace (1- 19; [-1]
            (.[ E14] -) = rans
            State ments = 510. fundall (expo, state ment)
```

```
for Bin Statements;
```

Statement = Statement, replace (S, De Hosgards))
Duton State ment.

function to get attributes

def get Attributes (String):

exp8 = (([1]) +)'.

matches = re. findall (expr, storing)

rotroin [m for m in sts (mottches) if m isalpha)

to get preducates

def get Predicates (Storing).

emp8 = '[a-z~]+1((A-za-z;]+1)'

retroin re findall (expr, Storag).

de-morgan

def De Mosgan (sentence);

Storing : ". join (Just (sentence), copy())

Storng = Storng . replace ('~~', ")

Pag: 'E' in String

Storing = Storing . Juplace . (In [1,1,1)

Storing = Storing, storp ('j')

```
Phawicy 1
       too preducate in get Asolicates (storing).
                Storag = Storag. suplace [Poredicates flag
Reducate 3')
          S= list (S Bring)
          for i, cin enumorate (storng).
                    ib C=='11'
                          SciJ: L'
                     elet C=='e'
                          SCI] : 1'
         Stored = M. jon (S)
          Storng = Storng. replace ("~" ;")
          networn f' [f. Storing 3]' of flag else Storing.
   # take userinput as FDL and Dornt CNI
    dy mais ():
           for i in range ( int ( input ( "Entor number of FOL; "));
                  · Print (" - - -
                   fol = Input ("Enter FOL Statement;").
                   Pount (" tonjunctive Normal Formi", en
                   Point (skolemization (tolto-crif (tol))).
                   Poiril (" -
```

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