Tedralo. K. Shuthar 18miges118. 28/18/2020

Import re

def get Alliboider (expression):

expussion = expussion. split (")(")[1:]

enfression = enfression [:-1]

enpression = se-sflit (" ??<!/(.), (?!./)", enpression)

exturn enpression.

del gettricial Pridicale (expression): selver expression. split ("(") [0]

return charissupper () and len (char) == 1 defisionsant (char):

return char in lower (1 and butchar) == 1 Lef invariable (char):

des replace Athabath (ent, ord, new): attibull = get AHU bull (enp)

for index, val in enumerate cathibater):

if val==0'd:

attribute [? rolex]= new

Pudicali = god Avirial Pudicate (enp)

rolum predicale i "(" + ", ", join (attribude)+ "1"

del apply (emp, substitution):

for July Attaions in Substitutions:

new, old = Culmitation

enp= uploceAttiball (enp,old, new)

return ent

Juhalo. C. Photean 18m18C2118 28/12/2020

duf chickours (var, enp):

if eng. find (vat) = = -1:

return false

weter weeter

dy got fire Part (enpusion):

del getremanione part (empressen):

predicale = get triti al Predicate (expression)

ottributer = get Attributer (expression)

nourroussion= predicate : "(" + ", ". join attributer

[1:]+ ")"

resistentmen newtos

Jidhalo F. Shitha 18m18cc118. 28/12/2020

def unity (emps, emps)

if emps == emp &.

of iscensiand (enp) and iscensiant (enp2):

: Edus = 11 dus fi

if islantant (enpl):
seturn [(enpl, enpl)]

if isconsair (enp):

Tetum [cerps, enp)]

if invariable (exp1):
y chickDowns(exp2, exp3):
sutum False

else: enpo)] muter

if in regaler (entry):

Therecause (entry):

else: __ valum false

else: return (enp1, enp2)]

Febru

AT hobotest-2 Trishala if got Imhidendical (enp) ! = got Initial Predical (enpo): 18m18 CC118 print ("Predicater do not match. No unification") 28/12/2020 relum false. ottibuleand = len (get Att inbriter (enpi)) athibite Cont 2 - 100 (get Athibutu (en/2)) : attibate court : attibate court 2: return false hed 1= get furt part (exp1) head a = get First Part (expa) ? ritial dubititulion = unify (head 1, head 2) ? not i ridial substitution: return Talse il allibited 1 = = 2. selver soit al substitution - joil = get Remaining Part (exp1) tour = get running part (cups) if initeal guerntulian! = (7: +oil 1 = apply (toil , Entrais Subsetution) fail 2 - apply (tail 2) i vitial substitution) News in Substitution = Vrify(+oil1, +oil 2) if not remainiffulustation: John False ? ritial Substitution = Vrity (tail (, tail 3) 16 not remaining Substitution! rown talks

AJ hobtest-2

initial substitution-entend (senoining Substitution)

Tishab & Shook 1BM18 CS118 28/12/2020

emp? = "likes (Ramiy)"

emp? = "likes (X, Ray)"

emp? = "likes (X, Ray)"

Substitutions = vnift (ent 1, ent 8)

print ("Substitutions"")

print (substitutions)

Substitution: [('Rom,x'), (Raj,y')].

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