AI lab text - 2 29/11/20 Harsha R Mans 1BMIRCS034 se trogmi def get Atty butto (S)! expr = 1 ([1)]+1)' matches = Il. findall (escept s) return [m for m in Str (morting) if m. isalphol) des get Redicates (s)! escon= [a-2]+(A-Za-z,]+1)' return de findall (expr.s) def de Molgan (sortere): String = ", pen list ( sentered . copey ()) sting = sting, replace ('n', ')

flag = ['in steny

stong = stong, replace ('n', ') String: string. string string string ("]) Joh p in get hedicate ( string): string = string-replace(P, 1'Enp3') S = list(sling) 0

lat but -2 IA 29/12/20 Hallha R Xous 1BM1805034 - 1014 i, c in enumertal steing) if c = = 'V' sci3 = 'N' elif (== '1' SCid = V' strong = '. string i replace ('n')
reduen j [fstring J] if yog else string. def skolemization (sentero)! (out = [ ] 'fchs(c) 3' plc in range (ord(A') ord(2)+1)] statement = " join (tigt (sentage), copy) matches = 1e. findall ("[V ]. statement) Joh motch in matches [!!-1]! statement = statemed. replace (S, SCII-17) for predicate in get ledicaty (statement): attributes = get Attibutes ( predicale) i) '/ join(attibuter). is lower() statement = statement replace 1 match (1), (ond. popco)) al = La jor a in attribute if a interes) a. is lower () a U = [ a por a in attibute if

A.T date text - 2 29 /12/30 Marsha R Hand 1BMIRCSO34 stodement - stodemis, replace (aU, 1' Count poplat ( al [0] if well else match(i)) return statement del for to cut (b): statement = lot replace ( (=>', '\_') cohile in statement: i = Statement; index ('-')
new statement = + Statement (!i]+'=>'+ statement [i+1:] + '] 1 C'+ statement(+1)
+ '= '+ statement[:i]+ '] statement = new statement statement = Statement. replace ("=")
exper = "[(.[1]]+))] statements = re. findall (expl., statement for i,s in enumental statements). if I' in s and 'J' not in s! statement (1]+="]" Jos sin statements: statement = statement replace(s, ld to ayes) while - I'm statement: i = Statement. inder('-') b9 = statement index ("[') if "('in statement else o

A.I. lab test -2 29/12/20 Harsha R Hand) 18MIRCS034 new statement = 'n' + statement (18) + new statement if by o else new statement comile " + V' in statemed. ; = statement.index('~+') Statement - list ( statement Statemed [i] statemed (i+1), Statemet (i+2)= ' 3', Statement (i+2), 'a' Statement. Be = Statement. Statement = 1. join(statement) while 'not in statement! i = statemand, (Adesel : a ] ) S= ligh (Statement) SC17, SC1+B, SC1+2] = "+", SE1+2], '21 statement = " join(s) statement = statement, replace ('~ (V' [~V') statemed = statemed replace ('~[3', [~]')
expr = (~V/J.)' statements = 1e. findall expl, statement for s in statement. statement = Stocknest replace (5, lot to (m/5)) expl = \2\[[^]]+\]' statements = re. findall (exp. statements) for s in statements: statement = Statemst. replace (S, lerrogo) return statement

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AT lab lest -2		
Marsha R 1BM18CSO34	29/12/20 Slang	
fol = input ( " Enter fol statem	W 1 "	
plint (" 3he (ny poem is: ", cng)		
parties and (ry polini y: , enf)		
(\$)		1