10/1/20	A Page
	Forward chaining
	1) Input the knowledge lase and the gury
Called Head and	2.) for in KB:
Count	y 1 => n
DARLEY CO.	Split this and this part
	ecolum False
	3.) To remove variables
	oceplace the varible with contracts
- Tori Is	Example: 1 - 2012 - 57 bounded
	KB
Amil 1	king (x) & greedy (c) => evil (2)
	grudy (John) K-g (Richard)
	Query : 12 mars i / 12
m+0 5)v	ago in election be not
	- 3-3-3037 - 233.8
	The second secon

	Code:
	Code:
141	of in post die (v) 10 march of i proceeding
_	def is variable (x):
_	and is the section
_	salum len(x)==1 ad x islamen () ad x. is app
_	Class J. September J. Wall
_	of get Attributes (Phy):
_	esper: ')([^)] +1)'
_	metches - re-tickall (expr. etmg)
44	Delum matches.
_	LI VIA POLL (LCD)
	def get predicates (stuy).
	Expr = ((a-z~)+) \([^9[]+1],
	orelan re findall (exper. strig)
	Test testille (expr. strig)
	cluss Fact:
	def - init - (sey - expression)
Anna	self expression - expression.
Jac.	self. parais: parais
à	Self · result - any (sey · getcontacts(1)
7	Jan
	duf split Expression (self, cexpression):
	predicate = get predicates (expression)(0)
	params = gt Atributs (apression (0))
	(4 0 (()') . salit ('')
	gelwan (pedicate, pare s)
	Company to the second of the s
	11 Coella:
de la	getweet ley result.
	Jest Green D
	des get Constrains (eng):
MA.	Holy Calou is in vovalle (c) west con
4	con self paris]

	ay get variable (self):	
	occluse (v if is variable (v) alse None	for vii
	sey parus]	
Jaka 21. 3	(1) 15409113736 (b. 6) 15-16 X 2415 (b. 74111430)	
	Class Inplications (Buy expression)	8
	self. lepression = expression	
	(=)	14.7
	self . lhs = fact (1) god un	(o) specil
	sey who = fact (26.7)	
	def evaluate (self. facts):	De la
	(part 1993) Coolistants = { Zalana	
	new les-67	-
	for fact in facts it is seen	-
	for val in left. Its if val - predicate = fa	., .,,,
-	17 tal-predicate- ju	ate (val. anti
Loa	waster has pro = sent to the	arially
	34.0	0)
	L class 18: Next is marged tiles Into	
fe Y	dy init - (suy):	
J rach	self facts set U	
(33)	Rey implications = 80+ ()	
	Cappage Marting James	
	def tell (self-c)	
	(Noil) Dring:	
	Self-indications.a	dd (Teplicaling
	13.1/216 - 3/11.	
	for i in seef in perc	ale 1
AAL AAL		sey factor)

Date
def growing (sey . 6): facts - set ([f. repression for in sey facts]
facts - see
(f. repression for s
del deselar (2001)
paried (" and
def despeay (self): period (" All facts")
The Carlon on
for in in enumerale (set (16. coping) for in self. facts print (ful fix 13 [53])
print (ful six ? six?
146 = KB()
Fb - tell ("King (x) & and
the - tall ("King (x) of greedy (x) =) evil (n))
66 lell (greedy (tol))
· Mb- tell ("Kij (Richard))
to gery ('evil (x)')
tong (Eve (2))
Output:
Georgie (vil (x):
evil (John)
24 1 24
A it
Conf

Output:-

```
kb_ = KB()
kb_.tell('king(x)&greedy(x)=>evil(x)')
kb_.tell('king(John)')
kb_.tell('greedy(John)')
kb_.tell('king(Richard)')
kb_.query('evil(x)')

Querying evil(x):
    1. evil(John)
```