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	Prolog Programming Assignment
	1) How does the queries in kb.Pl Files is executed
	>
	Code!-
	loves (vincent, mia).
	loves (marcellus, mia).
	laves (pumpkin, honey bunny)
	loves (honery bunny, pumpkin)
	155 / HEREITE RITORINI \ 653
	Je dous (X,4):-
	10 Ves (x, Z.),
	loves (Y,Z).
	Query1:- ? -loves (x, mia)
	Output X - Vincent
	X = Marcellus
	1 311
	Explanation : - Here as we know vincent loves Mia as well as marcellous
	loves mia. Thus the kb assumes
	that x is either Vincent or Marcellous
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	2) How does the queries in lists. Pl File are executed?
	> Code:-
	Suffix (Xs, Ys) =
	append (-, Ys, Xs)-
	Prefix (Xs, Ys) "-
	append (Ys, -, Xs)
-	
	Sublist (XS, Ys) :-
	Suffix (Xs,Zs),
	Presix (Zs, Ys).
	nrev([], [])
	h78 V ([H] TO 7, L) :-
	mev(TO,T),
	append(I, [H], L).
	Quent :-
9	?- sublist ([a, b, c, d, e], [c,d]
	Output :- true.
	Explaination : - Sublist is a check to ab availability
	between the two list
	A sublist procedure look for a
	march between the first element or sublist
	and the main list. Here [C,d] is the sub-list
	OF the main list [a,b,c,d,e]. As the main list contains
	the sublist [c,d] the output is true, else the outpute

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	would have been false
	guery 2:- ?- Suffix ([a,b,c], zs)
	?- Suffix ([a,b,c], ZS)
	Output: Zs=[a,b,c]
	Zs = [b, c]
	Zs = [c]
	7s = []
	False.
	Explaination: - Suffix in genral eliminates the Front
	elements from a list Here, by using
	Suffix procedure, [a,h,c] elements are
	removed from a and continues until all the
	elements are removed.
	As there are no more elements in the
	list, the output will be displayed as False.

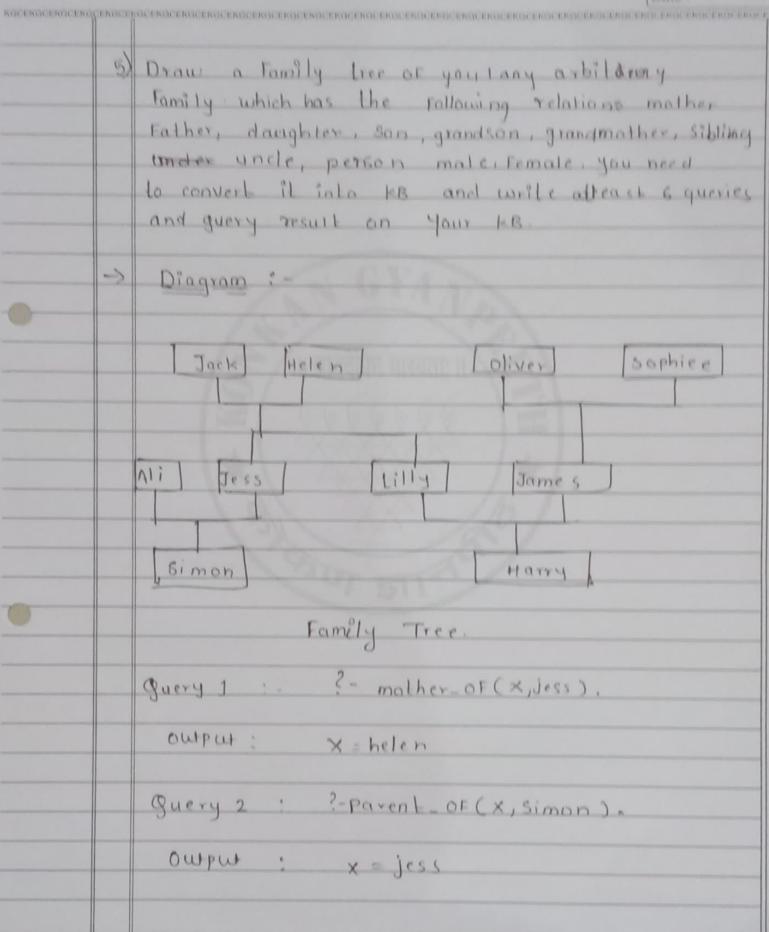
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	3)	Brograming create a Prolog code to find Factorial
	->	
		code:-
		Factorial (0, 1).
		Factorial (N,F):-
)	-	N>O
		N1 is N-1
		Factorial (N1, F1),
		F is N * F1
		Surry :- ?- Factorial (6, W).
		A
		Output :- W = 720
		7 511

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4	In example data set movies Pl write query
	String and result of query execution for any
-	Different the movies related in the Year 2000
	Suery: 3- movie (11,2000).
•	Output: M= down-From-the-moutain
	M = 0-brother - where - art - thou
	M = ghost-world
	In which Year was the movie American Beauty
	released?
	Query: ?- movie (american-beauty, Y).
	Output : Y = 1999
0	V CO P CC
	d) find the movies released after 1990
	guery: ?- movie (M, 4), 4>1990.
	Output: M= american-beauty Y= 1999
	11 = barton - fink Y = 1991

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CERGCERGCERGCE	ENGCENGCENGCENGCENGCENGCENGCENGCENGCENGC
	C) Find means released before 2000
	Query: ? - movie (M, y), 42000.
	Output : M = american-beauty
	Y = 1999
	M = onna
	X = 1981
	M = harlon-Fink
	X = 1991
	e) find a director of movie in which scalett Johansson appered.
	guery: ?- actress (M,O).
	Owput: 0 = peter = webber
	M = girl-with a - Pearl - earning



Guery 5: ?- ount-of (x, harry). Guery 6: ?- grand father-of (x, harry). Guery 6: ?- grand father-of (x, harry).	Xerjen -	Date:
Guery G: ?- grand father-OF (x, harry). Guery G: ?- grand father-OF (x, harry).	CONTRACTOR DE LA CARLO	TATETO ENGENA ENGENA ENGENA ENGENA ENGENA ENGENGENGENGENGENGENGENGENGENGENGENGENGE
Guery G: ?- grand father-OF (x, harry). Guery G: ?- grand father-OF (x, harry).		
Guery G: ?- grand father-OF (x, harry). Guery G: ?- grand father-OF (x, harry).		
Guery G: ?- grand father-OF (x, harry). Guery G: ?- grand father-OF (x, harry).		guery 3: ?- sister_OF (x, lily).
Guery G: ?- parent-of (x, harry). Guery S: ?- aunt-of (x, simon). Guery S: ?- grand father-of (x, harry).		
Guery G: ?- parent-of (x, harry). Guery S: ?- aunt-of (x, simon). Guery S: ?- grand father-of (x, harry).		Output : V - inc.
Guery 5: ?- aunt-of (x, simon). Guery 6: ?- grandfather-of (x, harry).		1 = 1627
Guery 5: ?- aunt-of (x, simon). Guery 6: ?- grandfather-of (x, harry).		0
Guery 5: ?- aunt-of (x, simon). Guery 6: ?- grandfather-of (x, harry).		guery 4 " : - parent - OF (x, harry).
guery 5: ?- aunt-of (x, simon). Output: X=lity Guery 6: ?- grand father-of (x, harry).		3
guery 5: ?- aunt-of (x, simon). Output: X=lity Guery 6: ?- grand father-of (x, harry).		Autout: X = 1:14
Guery 5: ?- aunt-of (x, simon). Output: X=lily Guery 6: ?- grandfather-of (x, harry).		
guery 6: ?- grand father-OF (x, harry).		James
guery 6: ?- grand father-OF (x, harry).		
guery 6: ?- grand father-OF (x, harry).		
guery 6: ?- grand father-OF (x, harry).		Guery 5: ?- aunt-of (X, simon).
guery 6: ?- grand father-OF (x, harry).		
guery 6: ?- grand father-OF (x, harry).		awput: X=1:14
output : x = jack		guery 6 : grand father-OF (x, harry).
Output: X= jack		
		output: X= jack