	Prolong	Piogramm	ing Nasign	men E			
				M-1			
<u> </u>	Nome: Dyok Makuh Cilo						
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	Date /
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1.	Programming 1. How closs the queries in kb.pl file ore
-	Code:
	loves (vincent, mia).
_	loves (moicellus, mia).
_	loves (pumpxin, honey bunny).
	love (honey-bunny, pumpkin).
	Jealaus (x, y):-
	loves (x,z)
	10 ves (1,2).
	Queny1: - ? - loves (r,mia).
	Oulput:- X = Vincent
	X = Marcellus
	Explanation: - As we know Vincent and marcellus beth
	of them loves mig. They the knowledge
	Base ossumes that x is either vincent
	Or morcellus
	It says that an individual i.e. X will be
	jeglows of on Individual ic Y and if there
	is on individual 2 that x loves and Y
	loves that some individual 2 500. That is
	it is a concept of Dealousy.
	we let's take another queny -

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Dille	7	1	

	· Query 2:- ? - Jeolous (x, y).
	Onlont x-x
	Oulput :- x=7 Y= Vincent
	X = Vincent
	Y = Marcellus
	× = Morcellus
	Y = Yincent
	x=Y, Y= Moicellus
	y=Y, Y = Pumpkin
_	Y-Y, Y = Honey-bunny
	- 14
	Explanation: - from the above query as there are no
	tixed parameters, the query will produce
	oulput of every jealow (Y, Y) pair in prolog
	Code-
	Theebox,
-	jealous (x, Y):- loves (x, Z), loves (Y, Z)
	tiere, x and Y both war associated to
	Vinimbile, self - Association
	2. Programming 2. How does the queries in lists pl lile are
	executed?
	- · Code :-
	Sulfix (xs, Ys):
	append (-145, x5).
	pic (xs, Ys):-
	oppend (Ys, _, xs).
	Sublist (X5, Ys) :-
	Suffix (xs, Zs),
	piclix (Zs, Ys).

DIEV (C	1,(2)
nicy (C)	13 TO], L) '-
	v (Te,T),
0 0 0	pend(T, (H), L).
Querys	? - sublist ([a,b,c,d,c], (u,d)).
oulpul :-	
Explanat	ion i- A sublist procedure looks for the elements that
l l	are present in the elements of sublist and the
	also in the main list HBEC, (c, d) are the
	element at the sublist of the mainlist
	[a,b,C,d,c]. As the main lit also contains
	(c.a) the output is Inc. if not then it
1	returns laise.
· Oury 2	- ? - Suffix ((0,b, (), Zs)
Oulput	- 75 = [a,b,c]
	25 · [b, c]
- 1	25 = [c]
	75 = []
Explon	obion: suffix in general eliminates the hist element
	from list until the list is empty. So the
	output will be displayed as folse as there are
	no elements.

	M = bastanuliat anna
	Y = 1980 1987
€.	M = boot on - finic
	Y = 1991
d.	Find the movies released after 1990
	Ourny 7 - movie (m, y), Y>1990
	M = Omerican - beauty
	7 = 1999
	M: basion - hole
	7 = 1991
е.	appeared
	Query 7- address (m; Scontell - Johansson) -), director (MID)
	Culput: D= Peter - webbet
	M = girl - with - a - people coming
0.5	Draw a family tre of you long ar bilory tamily.
	which has the tollowing wichens mother tother
	doughtel, son i grandson, grand mother subling unde
	prison, male, remote. You need to conveit it into
	on your kb:

CAPE IN / /

