Page No.: 1 Prolog Programing Assignment K.G.C.E. Karjat - Raigad) how does the queries in kb.pl file are executed? code: loves (unicent, mia) loves (marcellus, mia) loves (Pympkin, honey-bunny) loves (honey-bunny, pumpkin) jealous (x, y):loves (x,7), loves (Y, 2). Query 1: ? - loves (x, mia). Output: x = vin cent X = marcellus Explanation: Here as we know. Vincent loves mia us well as marcellow loves mig. Thus the bkb assume that x is either Vincut or more cellus 3- jealous (x, y). Query 2: X=Y, X= Vincent x = vincent Y = max cellus X = marcellus X = Y, Y = max cellus X =), Y = pumpkin

X = y, y & Honey - bunny

Date:

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KGCERGCERGO		Explanation: As there is no fixed parameter
		and our grand of module output of
		every jedous (x, y) par y on our follows
		dealous (2, 1):- love (x/2) intially x 11 both were associated
		to Vincent i.e., self-association It then follows reflexive property for he yest of the prolog code.
	2)	Horo does the quois in List. pl Bile
		Code: suffix (X3, Ys):- append (-, Ys, Xs).
		proe Bix (Xs, Ys):- append (Ys, i, Xs).
		sublist (xs, ys):- suffex (xs, Zs), prefix (zs, Zs).
		nver (EJ, EJ).
		nrev (57). [H TO], L):-
		append (T, [H], L)
.0-0		Guerry 1: 2- sublist ([a,b,c,d,e], [c,d]).

K.G.C.E. Pocogramming create a Prolog code, code: factorial (0,1) factorial (N, F):-N, is N-1 factorial CM, F,

Query 3: 2- Sister of (x, lily) output: X = jess Juany 4: ? - pasent -of (x, harry, Query 5: 2-aunt of (x,smon) output. X=11/y Query 6: ? goard father of (x, harry output: X=jack