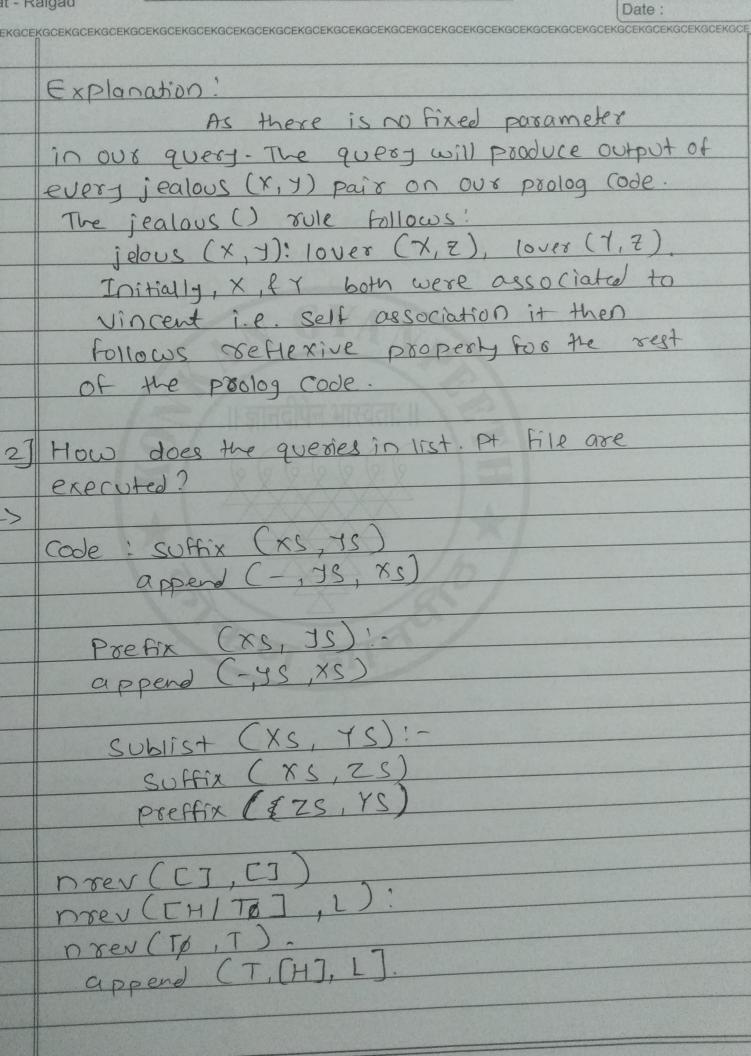
G.C.E. at - Raigad	Page No. :
EKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGC	Date:
Prolog Programming Assis	anment
1. How does the quest in Kbpl	file are executed?
-> code: % knowledge boyes	
10 vers (vincent, mia)	
lovers (mar cellus, mi	a)
lover (Pumpkin, hon	ey-bunny)
lover (honey bunny,	pumpkin).
AV A	
jealous (x, y) *	
lovers (X,Z),	63)
lovers (Y,Z).	1 2021
Quers! lovers (x, mia)	
: X = Vincent	77
X = marcellus	S
Cralcus 10 - 1 11	
Explanation! Here as we kr	now vincent lovers
mia as well marcelle	is lovers mia.
Thus the kb assume	el that x is either
vincent or marcell	us.
(D) 200 0 1 2 - 10 10 0 1 11	. 1
Query 2!? - jealous (x,	
X = Y X = vinc	Cend
X = Vincent	
Y = Marcellus	
X = Marcellus	
X = Y, Y = Mas	
$X = Y, Y = Pvm_f$	
X = Y, Y = Hone	bunny



Overs: ? Sublist ([a,b,c,d,e],[c,d]).

Explanation: A sublist procedure looks for a match between the first elements of the sublist of the main-list. Here CC, dJ is the sublist of the main list Containts the sublist CC, dJ the output is true else, the output would have been false.

Query 2: ? SUFFIX (Ca,b, C], ZS)

OUTPUT : ZS CO, b, c]

ZS = Cb, c]

ZS = Cc]

ZS = C]

Explanation: Suffix in general eliminates the fount elements from a 1st, there by using suffix procedure. [a,b,c] elements are removed from a & continues until all the elements are removed from a & continues until all the elements are removed as thorse there are no more elements in the list, the output will be displayed as 'false'

TO THE TOTAL OF TH	C-30 140.
Programming Create a Prolog Code la	Date:
Programming Create a Prolog Code to	KGCEKGCEKGCEKGCE
factorial of a number.	Dra
Code: factorial (0,1) Factorial (N,F):	
tactorial (N.F)	
N>0,	
N. 13 N-1	
Factorial (N,F,)	
N is N*f,	
14 12 N +	
Query!? Factorial (3, w)	
Output: w=6	
In example date and	
In example data set movies. PI write que	by Strings
TOTAL EXPLICITION FOR AN	1 - 1 :
gear was the movie ameximo	Beauty
DECROSED!	
Query: ?- movie Camerican, beauty,	4)
Output ! y = 1999	
find the movies released in year 20	
Jean 12	100
Query: ? - movie (M, 2000)	
output: M = down- From- the - mai	
M = 0-brother_where - art.	thou
M = ghost - world	
Find movies released before 2000	
Query: ? - movie (M, Y), 7, 2200	4
- (OE)	

Output: M = american - beauty Y = 1999 M = anna Y = 1987 M = baxton fink 7 = 1991 d) find the movies released after 1990 Query: ? - movies (M, Y) 7 > 1990 output: M = american beauty Y = 1999 m= barton-fink Y = 1991 e) find a director of a movie in which scalet Johansson appeared. QUETY: ? - actress (M: scorlett - Johansson).) divertor (M.O) Output: 0 = peter- webber M = girl-wim_a poorl- corrieg.

										V			9	KGCE
Output: X = jess	QUEST 3 : ? - Sister - OF (x, 1:14)	Output: X=jess	Query 2: ? parent - of (x, simon)	Output: X = heles	Query 1: ? mother_of (x, jess)	family Tree	Simon) Howy	Ai Jess Cin James	1. Jock Helen Oliver Sophier	Diagram !	it into K & write atteast QUA	mother, father, daughter, Son, grandson, grandmater	Draw a family tree of you (any orhitrary	Date :

Quesy 6 Output Overy C O next 4 Output ? grandfather 10 X × . 17 aunt- or X = james. XII Parent - OF jack × (Freed, F320 7 X