Page No. : Date: Proces Programming language BI) now dues the query in Rope hie one exerced & lede is 1. Knowledge boves Land (client i mia) lover (marcinus, mia) lower compren , honey-burny) loves I honey-burney pumpision) Jeanous (x14):wes (XI 2) Loves (412) 4 - mancellus Explanation: Here as we know unleast love mia as well as marcellus loves mia. Thus the kb cusumes that x is other vincent or marrellup

Page No.: K.G.C.E. Date: Karjat - Raigad (Dr) How does the queries in list-pe are exercised ? code: ruthix (xs (45) append 1-451X5) -- (141) x3 x2/45):append (451 -xs) subjist (xx1xs) :-545125) Profix (25,45) man (C) (C) Drew (CH) [\$7, 1):men [TO,T] uppend CTICHIIL) guery 1:- 2 -subjist ([aibilidic] (cold)) Esplanation: - A subjist procedure works for a march betw een the first elements of the sublist and main list Here (red] is the subject of me main list Carbicidie J. As the main list contains the subject city the output is three the the output would have been table. Overy 2:- 8-34RAX (C9161()125) Output: 25 - [aibil] , 25 = [bil) , 21=[], 21=[] Explanation: sull'x in general elimnates front geneus from a list Here by using sullix procedure are removed from

	Page	No.	:
--	------	-----	---

Date:

K.G.C.E.

ener a pring wate to rind Rawonal of a number Rayonal (01) Lautorial (Nif) N50 NO N1 15 N-1 Rautorias (NIIFI) 1- Ravorial (siw) au) In examples data set monise pl write query Iting, an relucy of query execution for any of 5 rayles: In which year was the movie American Beauty recessed R query 1- 2 - movie (american - beauty , 4) nuput: - 4=1999. Find the movies released in year 2000 Query !- 8 - movie (m12000) output: - M = Queen - from - the - mountain m = 0- how ther - where - and - thou M= anost - bound maries released bours 21700 - more (m14) 1 4 42000 M = american - be arry 4 = 1399 m= anna 14=1987 m= bottom. Ginkiy=1999

K.G.C.E. Karjat - Raigad Page No.:

Date :

Koriot	Date:
Karjat -	Raigad GEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKG
ll l	
A') Find the movies responsed anter 1990
	Query 1-8 - mavie (m14), 45(170)
	output :- m = amenican heauty
	[-41.4]
	M=bottom fink
	A = 1881
	C AT 1 . N'D.
(e)	Find a director of a movie in which senalett I o hansion
	Query: 2 - adners (m; pariet - Intourion), director (m10)
	o usput / D = peter - we b ber
	m - giri with - a -pearl - coming
	10/ 10/12/12/12/12/19
0)	Find memer released belone 2000
	Query: - 8 - movie (miy), 4 < 2000
	output: -m = american beauty
	Output
1	
	m = ama
	9 = 1907
	m = bo+tom - Fink
	y = 1991
	Comment on very and a first process
d)	Find the movies received with 1990
	overy :- 2 - marie (m14), 421990
	output: m= american beauty
	y = 1999
	nuis side l'amatrie la mio de red (°
	m = bother m Bink
	Yuz (199) 10 101 101 101 101
	The second secon

K.G.C.E. Karjat - Raigad Page No. :

Date :

Karja	at - Raigad
KGCEKGCEKGCEKGC	EKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGC
	gr) Draw a family tree of you larry arbitary family which
	has the Collewing relations mother, Father, adulghte of sair
	grandson, arandmomer, sibling unde, person multitude
	You need to convert it into ks and white atteast 6 queries
	and query result, on your KB.
	-> Diagram
7	CVA
	Jack Heren Oliver Sophice
	॥ बानदोर्धन भारतताः ॥ । १३३
) annes
	ani Deas 888 City
i į	
11	[simon] Harry
7	(d) (d) (1/2)
	Family Tree
	195
)	Query 1:- ? - mother - of (x13 es)
	output: x=helen
	·
1	churry 2 :- & panent, of (xisimon)
	ouput :- x=Jess.
_ 11	Query 3 > 2 - sister - of (x 1 11 14)
	output :- x =) 4)
	O serifice
	Overy 5: - 9 - parent - of (xharry)
	output > Y=1114
	X = James