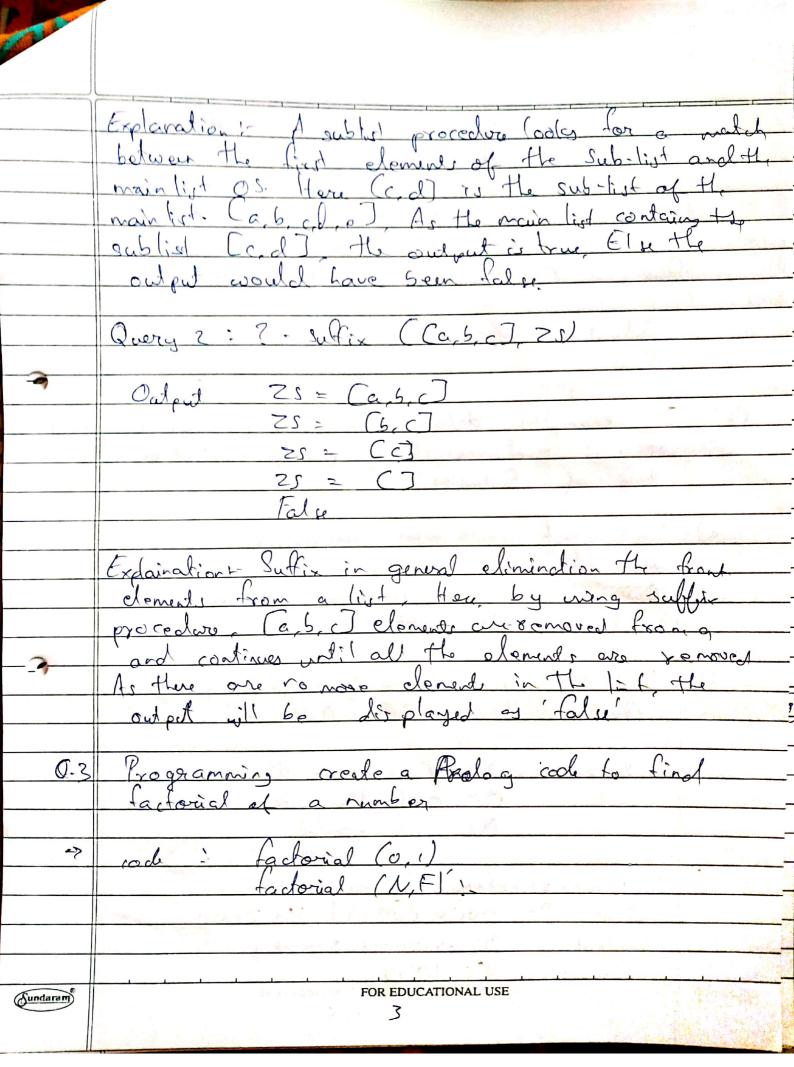
	Priog Programming Assignment
<u>)</u>	How does the queries in kb: pl file are executed?
->	code lover (viacent, mia)
	loves (morcellus, mia)
	loves (pumplain, hong-burny)
	lover (honey-bunny, pumpkin)
	jealous (xx):
	loves (XCZ)
	loves (X,Z)
	Query 2- ?-loves (xmia)
	autput X = vincent
	X = marcellous
	Explanation! Here as we know vincent loves Min as
	well as Marcellow loves mia this the Kb
	cessoms that xis either vincent or Marcellas
	aurz ? · jedous (X.Y)
	Owled X = X X = xince of
	X = vincent
	Y = Morcellay
	X = Morcellon
	X X Y = Marcellay
	X = Y, Y = Pumplein
	Explanation: As there is no fixed parameters in our
	Charles II and the committee in our
Gundaram	FOR EDUCATIONAL USE

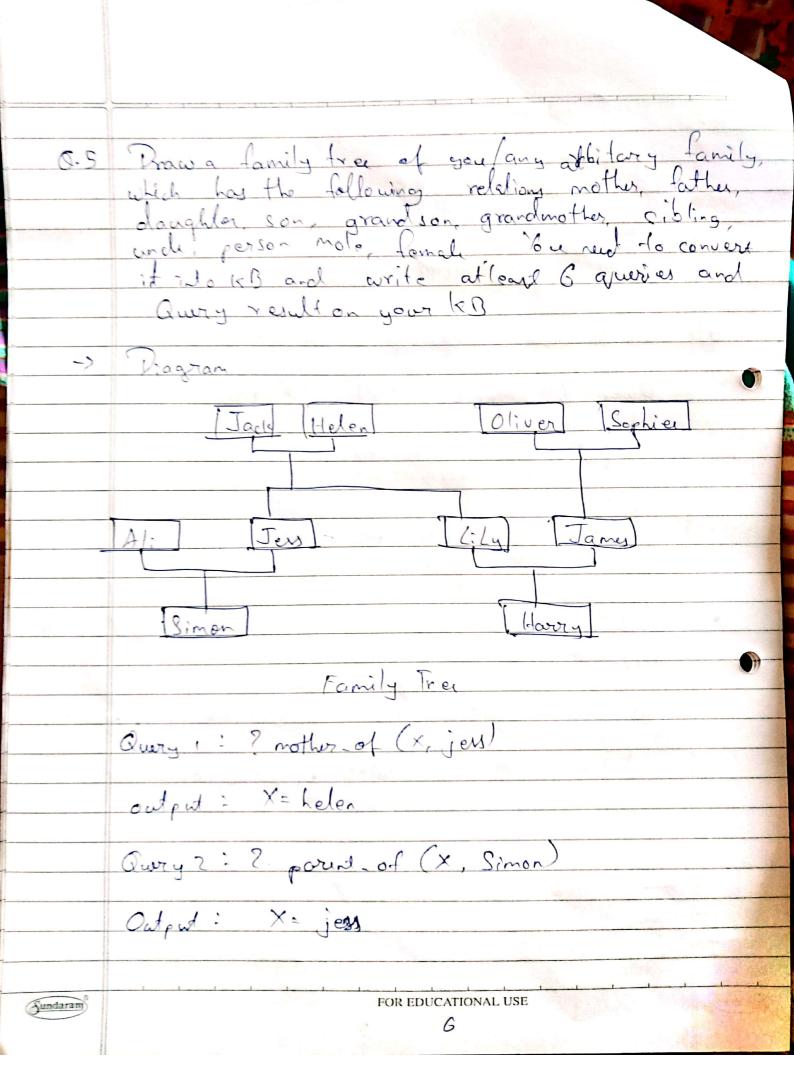
every jealous (X, Y) paix on our prolog code
The jealous () rule follows
jealous (X, Y):- loves (X, Z) loves (X, Z) Initially X and 7 both were associated to vincent, i.e self association. It then follows to lexive proporty for the vert of the prology rode 7. How does the gravies in little prove exocuted code. suffix (xs, xs):append (- ys xs) prefix (xs, ys): Suffix (Xs 75).

Brefix (Zs 75) (C) (C) (C) !· nrev (TgT) append (T, CI+), () Query 1 - ? - Sublist (Ca, b, c, d, e), (c,d) FOR EDUCATIONAL USE Sundaram



N70, 1-N Ci, N factorial (N. F.) N is NA F. aury: 2 - factorial (3, W) Output: w=6 In examples deta set movies, pl write grunds of rings and result of gruency execution tos ary of Starles: a) In which year way the movier American Boardy releand aury: ?- novée (American beauty, x) Out put = Y= (999 5) Find the movies released in year 2000 Quiry: ?= movie (1,2000) Output = M = down from the mountain M= 0-brother where art thou M= ghost would Find novies released before 2000 awry-?- movie (M X) X < 2000 Output: M= American beauty FOR EDUCATIONAL USE Sundaram

pone que con esta de la constante de la consta	
	M= onna
	Y = 1987
4.4.4	M= boxton-fmls
	Y= 199,
11	Find the movies released after 1990
	part the state of
•	aury = ? - movie (M,Y), >> 1990.
	output M= american-beauty 7 = 1999
	M = borton- Krink
	Y= (991
e)	find a director of a movie in which sicalett Johnson
	appeured
,	Overy: 7 - actron (1. Scarlette Johnson), director
	ale di Di Ran webber
	M= girl-with a pearl earing
	and the second s
(Sundaram)	FOR EDUCATIONAL USE
	F



	Qury 3: ? - sister of (x, lily)	0.00
	Output: X-jes	
	access 4: ? - point of (x-harry)	
	, saving	
	output: X-lily	
	X-james	
	awry S: ? - aunt of (x, simon)	
	Output :- X-tilg	
	away 6 :- ? grand frother of (x, harry)	
-	output: X = jacla.	
-		
		THE PARTY OF THE P
<u> </u>		Kirmani da
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Sundaram	FOR EDUCATIONAL USE	
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