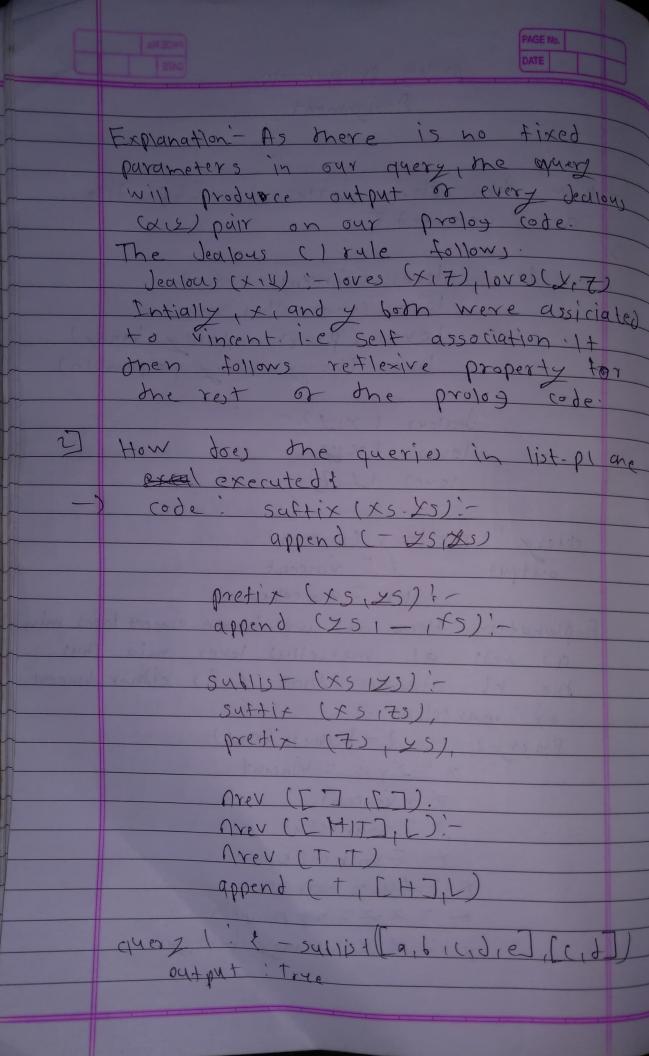
Prolog Programming Hame: - Perang & shinde class - BE IIT Batch :- I3 POIL MO: - 61 DOP DOC marks

	prolog programming DATE DATE
	Assignment
	Athent
	y and was your first the same of the same
1	now does the augus
/	por does the queries in khol tile
	120//01/02/03/03/03/03/03/03/03/03/03/03/03/03/03/
2	code loves (vincent mig)
	loves (mig)
_	marcall
_	
	love (honey-bumy)
	clearant ()
_	Jeajous (X, I)'-
_	10ves (x 17)
_	loves (J.7).
_	Myert 'Y-laws Co.
	output - t = vincent
	w - NINCENF
	Explanation 'Here is marcella.
	Explanation Here as we know vincent loves min
	mar(ellu) lavei , T
	the kl assume that I is either vincent
	Pyeryz : ? - Jealous (KIZ)
	X = Zy x = Vincent
	7 = Vincent
_	7 = marcellas
_	× = marcelly
_	x = 1.2 = marcelly
_	+ = Z Z = map pympkin
/	T Z Y TILL
\	x = Z = Honey bynney.
1	



Explanation - sullist procedure boles for a match letneen the first elements Here [cid) is the sal-list of the main -list Laibica, e). As the main list contains the sublist Ecito The output is true fise the output would have been talse Dery 2 : 2 - Suffix ([a11,17,15) 25 = [a]([] Z5 = [b](] Z5 = [] Fabe Explanation - valities in general elements

The front element from alot-Here 67 using Suffix procedure (all, [] elements are removed from a and Contincocy until all the elements are removed As more are no more elemen I was listy me output will be diplaged as false!

(P3) programming creater a prolog code to tind tactorial of a number code: factorial (0,1). tactoria (TIF):-11)0, M-1 fattrial (t)(fi) querz: ? - factorial (5 pow) out put :- W= 6 averation for any of 5 tasker: a In which year was the movie american beuty released! query : 9-movie (american beauty 12) output : Z=1999. I find the movies released in year 2000 query :- 9 - movie (m, 2000) output to = down-trown -me montain to -0 . fromer. where for I'm to = shost world. I find movie relased before 2000

9 movie (m1) 14 2000 - M = american - beauty output Cep1 = X m - anna T= 1987 19 - borton link t= 1991 1) tind me movies released after 1990 query: ?- movies (M12) (7)1990 output - m = american - beauty Cep1 = X m - barton - fink X = 1991 e) tind a director a a movie in which scalet Johansson appeared
every; P. Un scarlett. Johansson)-), diretor · D = Peter _weller out put M = girl winner. pearl rearing. Praw a family tree & your arry aristray family which has me tollowing relations momer Father dayoner son, grandson, Grandmomer isibiling, uncle, person, male, temate you need to converd It into le Band write atteast 6 queries and guesz rebults on yout EB

- Diggram: Jack of tamily tree of energli? - mooner of (xiless) odtput: x = helem pyery 2 ? & parent & (x-simon) output: X = Jess query 3: 2 - Sister-of (x.1117) output : f = Jess query 4: 7 - parent of (x ham) output ' + = Jalk