To leave PROLOG terminologies and wenter leasic Perogenams

TERMINOLOGIES :-

It is usually steerings and made up of lower JAtomic Teems: and uppercase letters, origits and underson, Standing with lowercase letters.

Ex: dag ab-c-321

variables are steelings of letter, signs and 2] variables. underscore establing with capital lettles on an underscore.

Apple-420

compound wins are mad up of a 3 Lampourd Tlums: Puolog stom and a number of anguent and separated by commas. Ex: 18-bigger Celephont, X)

plan Ash bushow A facts is a pendicate followed by a dot 4 facts: Ex: bigger-animal (whale). life-is-beautiful.

Asules Jonsists of a head (a pendicate) and a body ca sequence of pendicades Seperated by conmas)

Ex: B smaller (x, x):- 4_biggor(x, x) aunt (Aunt, child): - sister (Aust, parent) parent (parent, child)

SOURCE COPE WIRESTED IS FEBRU VB1: Warren (mia) Meanint (Sody) Women (yolanda) Plays Ares Cernitar (Sody) party Dury 1: }- women (mia) Query 2: 9- Plays Sign Ornitar (miss) Query 3: 8- Party Driving 4: ? - Concept Stording with it DUTPUT: ?-women(mia) 2 Variables tend ? - play Air constour (mis) your able over wh perferences otherwing with a false ?- Party an underescore. Terul EX: 00% KB2: happy (yolanda) 3 sempound The listens 2 music Caria) Listens 2 music (yolanda): happy (yolanda) Listens AMOUNTAN (min): listens 2 music (min) Play Air Quistars Cyclanda): - histense muic Cyclanda) A forthe in a pendicate BUTPUT. 9- Plays Sier Cruitan (mia) Terne ? Plays Asa Cunitaer (Yalanda) sood a body Car stegra 17 Puls !-Arul 19 Septembed by annead Ex: 12 smaller (x, 4):- 12 bigg 1(x,4) -9 ound (Aund, thild): souther (Anad, precept)

KB3;likes (dan, sally) Wes Csally, dans Cheen These will make Wes (Johney, beathrey) married (x,y): - liker(x,y), likes (y, x) fewerds (x, y): - likes (x, y), likes (y, x) aute (does (due 4)). DUTPUT ? likes (don, x) X = Sally ? married (dan, sally) 9 marieired (John, benttney) Econ (usto, an (stoog)) false food (burger) (0) mohad (2) mon ? food (Sandvoich) food (preza) () Ament (x and) many lunch (Sandwork) cost therey). denner (pissa) meal (x): food (x) DUTPUT; food (Pitta) Leure ? med Cx), lunch (x) X-Sardwich ?- dinney (sardnerch) Thus prolosy Sourism false duccastally.

KB5: Ovens Clack, Las Chome)) Ovens (john, car (chury)) Ovens (divia, car (civic)) Owns (Sane, can Chevy) sidan Cran Comwa) Bedon (con (civic)) souck (was (choy)). Elipsed (don'X) DOTPOT: -The weekly a dear hally) Jouens Chohn (X) X= can (30hn. emn) ? sun (who can (chury)) who sohn ?- Ovens Crank), sedan (x) Lepol Lordwicks falls 9-ovens Clove, x). Herrek CX) (5500) 1000) lunch (sandwith) X= cay (chevy). mad (d): feed (d) DUTPUT Baneal Cx J, lunch Cx) Thus Puolog touminologies is implemented RESULT: - X successfully.