(toward (Ducy) Ex: No: 6 Brolog. Date ; Program code: : to glow male (peter) ANDERS X GLO male (john) male (chris) Entel to start of time male (kevin) Human ture (x). female (betty) female (jeny) female (lisa) female (helen) the sumpered (1. parent of (chris, peter) sempater turn to parent Of (chris, betty) parent of (helen, peter) parent of (helen, betty) parent of (kevin, chris) is my setfully parent of (kevin, lisa) parent of (jery, john) parent of (jeny, helen)

father (X, Y): - male (Y), : Waler parent of (x, y). mother (x, y): - female (y), parent of (x, y) grandfather (x, y): - male (y) parent of (x, z), parent of (2,x): some was margory in will grandmother (X,Y):- female (Y). parent of (x,z). parent 01 (2, y). brother (x, y): - male (y), father (x, z). father (Y, W), $\chi = - w$. Sister (X,Y):- female (Y).

father (x, z).

father (r, w)

2== W.

output: ?- father('chris', 'peter'). ?- mother('helen', 'peter'). ?- grandfather('kevin', 'peter'). ?- grandmother('jeny', 'helen'). ?- brother('peter', 'betty'). Otalini ?- sister('betty', 'peter'). false. Result: Lancost Of (x, z) Thus the program was successfully executed a the output is verified. ... x x to restore and parent of (x 2) pasestos (2, x) butter (x, x): - mak (y), eather (x, z) father (x, w). sister (x, y): female (y) (s,x) rather Latter (Mr)