OUTPUT

male (peter) -> true father (Chris, peter) Hue father (choics betty) > false grandfather (Kluin, peter) -> true grandbather Geny, peter) > galse grand mother (jony, peter) - false mother (choico, x) => X = betty brother (helen, chris) - true brother (chois, helen) - false

father (XLY) X = Chris X: helen X= Jevry X-Kevin >: peter Y = peter Y= John Y= choics

mother (x, y)

X= Uris X= helen X = Kenis x= yerry Y= betty Y = betty Y=big Y= helen

grandmo ther (xy)

X= Keins X = jeny Y - betty Y= better

grandfather (My) X= Kevin X = Jeny rpeter Y = peter

mother (My)

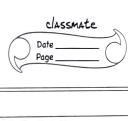
X=Y , Y= chois

X= Y, X = helen, 4=Ke lus Y= Unis

K=Y, Yzjenny x chris

Y= Senny X=Y, y: helen.

SISTEY (NY)



EXPNO: 12

PROLOG FAMILY TREE

KNOWLEDGE BASE:

FACTS male (peter)

male (John) male (chris)

popule (Kenin) female (betty)

finali(jeny)

female (isa) female (helen) parent of (chris, peter)

parent of Chris, betty) prientof (helen, peter) ponent of (helen belty) pount of (Kenio (his)

parentof (Kenin, liea) point of (jeny, John) parentof (jeny, helen)

Son, grandpowent sor parent father (x, y): - mall(y)

point of (xy).

parentof (my).

grandfather: male (4) parent of (x/2) parent of (2,4)

grandmother(x,y):-female(4) ponent of (x,2), parent of (2,4)

brother (x,y):-malo(4), futher (x,2) father (y, W) 232W Sister (x/y):-female(4) forther (X/2)

father (Y,W)

2==W

[mother(xy):-female(y)]