Welcome to SWI-Prolog (threaded, 64 bits, version 9.0.4)

SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.

Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org

For built-in help, use ?- help(Topic). or ?- apropos(Word).

?-

1.

% c:/Users/USER/Documents/Prolog/parent.pl compiled 0.00 sec, 6 clauses

?- parent(bob,pat).

true.

?- parent(liz,pat).

false.

?- parent(tom,ben).

false.

?- parent(X,liz).

X = tom.

?- parent(bob,X).

X = ann ;

X = pat.

?- parent(X,Y).

X = pam,

Y = bob ;

X = tom,

Y = bob ;

X = tom,

Y = liz ;

X = bob,

Y = ann ;

X = bob,

Y = pat ;

X = pat,

Y = jim.

?- parent(Y,ann).

Y = bob.

?- parent(Y,ann),parent(X,Y).

Y = bob,

X = pam ;

Y = bob,

X = tom.

2.

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?-

% c:/Users/USER/Documents/Prolog/hobby.pl compiled 0.00 sec, 8 clauses

?- likes(ram,trains).

true .

?- likes(tina,ram).

true.

3.