indigo 303 % pl
Welcome to SWI-Prolog (Multi-threaded, 32 bits, Version 5.6.58)
Copyright (c) 1990-2008 University of Amsterdam.
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software,
and you are welcome to redistribute it under certain conditions.
Please visit http://www.swi-prolog.org for details.
For help, use ?- help(Topic). or ?- apropos(Topic).

?- consult(user).
|: likes(john, flowers).
|: likes(mary, flowers).
|: owns(john, bookA).
|: % user://1 compiled 0.00 sec, 696 bytes
   true.

?- likes(john, flowers).
ture.

?- likes(john, books).
fase.

?- owns(john, X).
   X = bookA.

?- owns(X, bookA).
   X = john.

?- owns(X, Y).
   X = john,
   Y = bookA.

?- likes(X, flowers).
   X = john ;
   X = mary.

?- likes(X, flowers).
   X = john,
   Y = flowers ;
   X = mary,
   Y = flowers.

?- likes(X, flowers), owns(X, bookA).
   X = john ;
   false.

?-