



Database with some biblical relations



mother(sarah, isaac).

male(terach). male(abraham). male(nachor). male(haran). male(isaac). male(lot).

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female(sarah). female(milcah). female(yiscah).

























Arithmetic predicates

less_or_equal(0,X):- natural_number(X).
less_or_equal(s(X),s(Y)):- less_or_equal(X,Y).

?- less_or_equal(s(s(0)),s(s(s(0)))).

plus(0,X,X): - natural_number(X).
plus(s(X),Y,s(Z)): - plus(X,Y,Z).

?- plus(s(s(0)),s(s(0)),S).









Even more list predicates

```
append([],Ys,Ys).
append([X|Xs],Ys,[X|Zs]):- append(Xs,Ys,Zs).
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?- append([a,b,c],[d,e,f],L).
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L = [a,b,c,d,e,f]
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?- append(L,[b,c,d],[a,b,c,d]).

L = [a]

member(X,L1): - append(L2,[X|L3],L1).







