CSA-1704 AI FOR LLM

PROGRAM 23

% --- Facts ---

male(john).

male(mike).

male(robert).

female(susan).

female(anna).

female(lisa).

parent(john, mike). % John is parent of Mike

parent(susan, mike). % Susan is parent of Mike

parent(john, anna).

parent(susan, anna).

parent(mike, robert).

parent(lisa, robert).

% --- Rules ---

% Father

father(X, Y) :-

male(X),

parent(X, Y).

% Mother

mother(X, Y) :-

female(X),

parent(X, Y).

% Grandparent

grandparent(X, Y) :-

parent(X, Z),

parent(Z, Y).

Queries:

?- father(john, Child).

Output:

