Question 1 : 1. Using the structures parent (X, Y) , male(X) , and female(X) , write a structure that defines mother (X, Y) .

Answer :

> mother(X,Y) :-
>   parent(X,Y),
>   female(X).

Question 1.2 : 1. 2. Using the structures parent (X, Y) , male(X) , and female(X) , write a structure that defines sister (X, Y) .

Answer : Here the parent is mentioned as same for both the children

> sister(X,Y) :-
>   parent(M,X),
>   parent(M,Y),
>   not(X = Y),
>   female(X).