Prolog code

```prolog
male(ram).
male(laxman).
male(bharat).
male(shatrughan).
male(dasratha).

female(kausalya).
female(sumitra).
female(kaikeyi).
female(sita).

son(ram,dasratha).
son(laxman,dasratha).
son(bharat,dasratha).
son(shatrughan,dasratha).

son(ram,kausalya).
son(laxman,sumitra).
son(bharat,kaikeyi).
son(shatrughan,sumitra).

wife(kausalya,dasratha).
wife(sumitra,dasratha).
wife(kaikeyi,dasratha).
wife(sita,ram).

mother(X,Y):-
      female(X),son(Y,X).

father(X,Y):-
     male(X), son(Y,X).

brother(X,Y):-
     father(Z,X), father(Z,Y), X \== Y, male(X),male(Y).

fatherInLaw(X,Y):-
      male(X),wife(Y,Z),father(X,Z).

motherInLaw(X,Y):-
      female(X),wife(Y,Z), mother(X,Z).
```

Query:

1.dasrath is father of ram, lakshman, bharat, shatrughan.

father(dasratha,ram),*father*(dasratha,laxman),*father*(dasratha,bharat),*father*(dasratha,shatrughan).

true   1

Next 10 100 1,000 Stop

?- father(dasratha,ram),father(dasratha,laxman),father(dasratha,bharat),father(dasratha,shatrughan).

2. dasrath is father in law of sita

fatherInLaw(dasratha,sita).

true   1

Next 10 100 1,000 Stop

?- fatherInLaw(dasratha,sita).

3. find mother of ram, lakshman, bharat and shatrughan

mother(X,ram).

X = kausalya

mother(X,laxman).

X = sumitra

mother(X,bharat).

X = kaikeyi

mother(X,shatrughan).

X = sumitra

4. Kaushalya is mother in law of sita

motherInLaw(kausalya,sita).

true   1

?- motherInLaw(kausalya,sita).