male(abdullah).

male(haris).

male(umer).

male(saad).

male(hammad).

male(masood).

male(mansoor).

male(wasiq).

female(sobia).

female(laiba).

female(hamna).

female(rozina).

female(fozia).

female(sabiha).

parent(rozina ,abdullah).

parent(rozina ,umer).

parent(rozina ,haris).

parent(fozia,saad).

parent(fozia,hammad).

parent(fozia,sobia).

parent(sabiha,hamna).

parent(sabiha,laiba).

grandparent(yaqoob,masood).

grandparent(yaqoob,mansoor).

parent(masood,abdullah).

parent(masood,umer).

parent(masood,haris).

parent(mansoor,saad).

parent(mansoor,hammad).

parent(mansoor,sobia).

parent(wasiq,hamna).

parent(wasiq,laiba).

/\* X = Parent , Y = Child \*/

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

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

brother(X,Y) :- male(X),parent(Z,X),parent(Z,Y).

sister(X,Y) :- female(X),parent(Z,X),parent(Z,Y).

sibling(X,Y):- parent(Z,X),parent(Z,Y).

grandparent(X,Y):- male(X),parent(Z,X),parent(Z,Y).

uncle(X,Y):- male(X),sibling(Z,X),parent(Z,Y).

aunt(X,Y):- female(X),sibling(X,Z),parent(Y,Z).

cousin(X,Y):- father(Z,X),brother(Z,W),father(W,Y).

