male(john).

male(frank).

male(mark).

male(tom).

male(pete).

male(henry).

male(matt).

male(todd).

female(lilly).

female(anne).

female(alice).

female(jenny).

female(kate).

parent(mark,lilly).

parent(mark,john).

parent(mark,frank).

parent(pete,mark).

parent(tom,kate).

parent(pete,tom).

parent(alice,henry).

parent(anne,alice).

parent(pete,anne).

parent(matt,jenny).

parent(matt,todd).

parent(anne,alice).

parent(anne,matt).

parent(pete,anne).

father(D,C) :- male(D), parent(D,C).

mother(M,C) :- female(M), parent(M,C).

brother(B,SIB) :- male(SIB), parent(P,B),parent(P,SIB),B\=SIB.

sister(S, SIB) :- female(SIB),parent(P,S),parent(P,SIB),S\=SIB.

siblings(A,B):- parent(P,A),parent(P,B),A\=B.

grandparent(C,GP):-parent(P,C),parent(GP, P).



