female(pam). %clauses

female(liz).

female(pat).

female(ann).

male(jim).

male(bob).

male(tom).

male(peter).

parent(pam,bob).

parent(tom,bob).

parent(tom,liz).

parent(bob,ann).

parent(bob,pat).

parent(pat,jim).

parent(bob,peter).

parent(peter,jim).

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

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

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

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