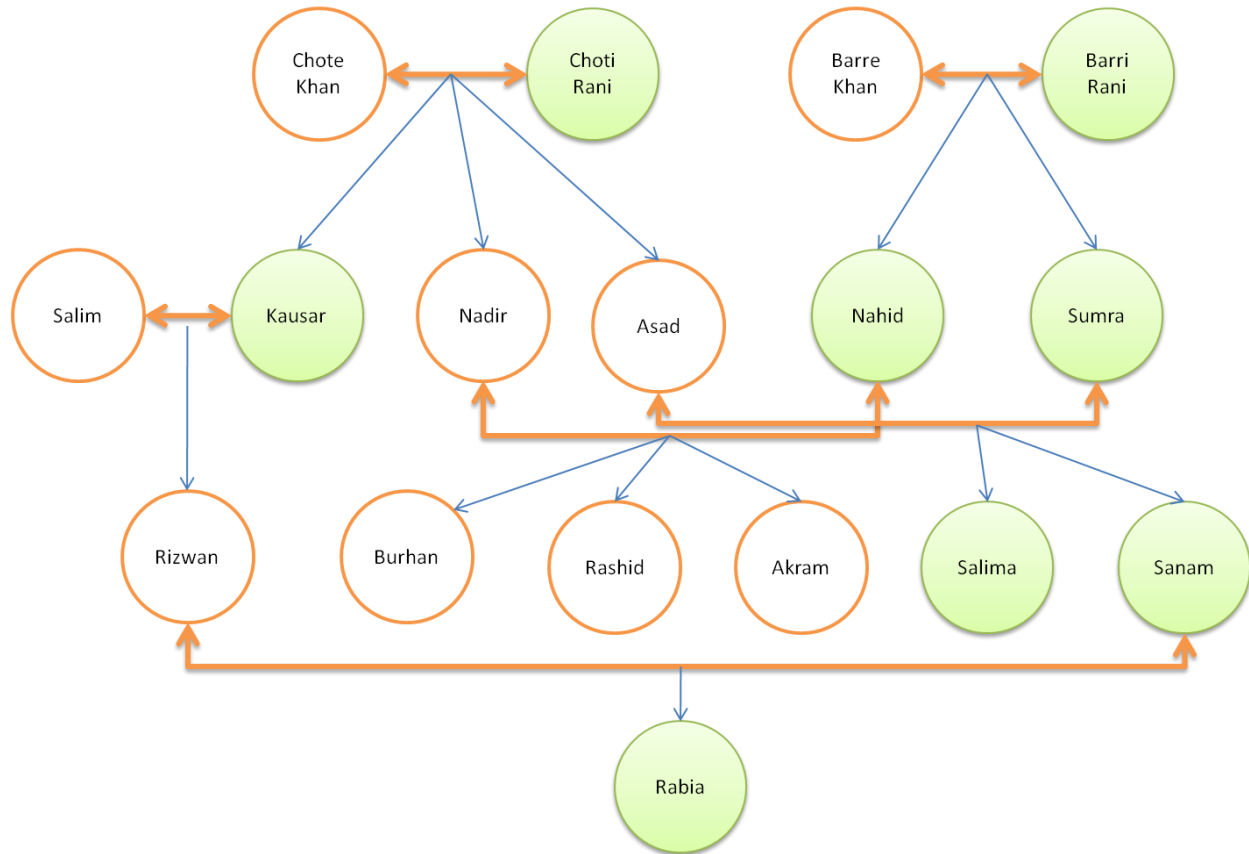# Khan Family Tree

Program the Khan's family knowledge given in the figure below, into a Prolog program. For this use only the predicates given in the predicates list.

Only facts allowed:

mianbiwi(fact1,fact2).   % fact1 is mian of fact2, who is biwi
parent(fact1, fact2).   % fact1 is parent of fact2
gins(fact1,fact2).   % fact1 can either be mard or aurat, fact2 is the name of the person

Implement the following rules:

baap(Variable1, Variable2) :- parent(Variable1, Variable2),gins(mard, Variable1).

beti (Variable1, Variable2)   bahu (Variable1, Variable2)
beta (Variable1, Variable2)   pota (Variable1, Variable2)
dada (Variable1, Variable2)   nawasa (Variable1, Variable2)
nana (Variable1, Variable2)   sussar (Variable1, Variable2)
dadi (Variable1, Variable2)   chachataya (Variable1, Variable2)
nani (Variable1, Variable2)   khala (Variable1, Variable2)
sala (Variable1, Variable2)   baapDada(Variable1, Variable2)

Test your program rigorously with as much goals as possible. For example: pota(X, barekhan).