:- discontiguous married/3.

:- discontiguous divorced/3.

born(anna, 1979).

born(alexey, 1967).

born(alexandra, 2004).

born(andrey, 1975).

born(liliya, 1988).

born(galina, 1955).

born(vladimir, 1955).

born(darya, 1995).

born(dmitriy, 1995).

born(ilya, 1984).

born(mariya, 1989).

born(bogdan, 2015).

born(alina, 2006).

born(lubov, 1957).

born(viktor2, 1957).

born(alexandr, 1956).

born(viktor1, 1956).

born(natalya, 1960).

born(sergey, 1959).

born(nina, 1981).

born(igor, 1979).

born(polina, 2006).

born(grigoriy, 2015).

born(alevtina, 1950).

born(mihail, 1950).

born(elena, 1970).

born(alena, 1990).

born(osman, 2017).

born(ekaterina, 1995).

born(artem, 1993).

born(nikita, 2006).

died(viktor1, 2010).

died(alexandr, 2023).

married(anna, andrey, 2002).

divorced(anna, andrey, 2010).

married(anna, alexey, 2012).

married(andrey, liliya, 2016).

married(darya, dmitriy, 2020).

married(mariya, ilya, 2015).

married(lubov, alexandr, 1976).

divorced(lubov, alexandr, 1986).

married(lubov, viktor1, 1990).

divorced(lubov, viktor1, 2010).

married(lubov, viktor2, 2014).

married(natalya, sergey, 1980).

married(nina, igor, 2000).

divorced(nina, igor, 2010).

married(alevtina, mihail, 1970).

married(elena, alexey, 1990).

divorced(elena, alexey, 2000).

married(ekaterina, artem, 2022).

married(galina, vladimir, 1974)

alive(Person, Year) :-

born(Person, Born),

Year >= Born,

(died(Person, Dead) -> Year < Dead ; true).

older(Person1, Person2) :-

born(Person1, Born1),

born(Person2, Born2),

Born1 < Born2.

younger(Person1, Person2) :-

born(Person1, Born1),

born(Person2, Born2),

Born1 > Born2.

age(Person, Year, Age) :-

born(Person, Born),

Year >= Born,

Age is Year - Born,

(died(Person, Died) -> Year < Died ; true).

are\_married(Person1, Person2, Year) :-

married(Person1, Person2, Marriage),

Year >= Marriage,

(divorced(Person1, Person2, Divorced) -> Year < Divorced ; true).

same\_age(Person1, Person2) :-

born(Person1, Year1),

born(Person2, Year2),

Year1 = Year2.

age\_diff(Person1, Person2, Age) :-

born(Person1, Year1),

born(Person2, Year2),

Age is abs(Year1 - Year2).

can\_be\_parent(Person1, Person2):-

born(Person1, Year1),

born(Person2, Year2),

abs(Year1-Year2) > 18.

child(Person, Year):-

born(Person, Born),

(Year - Born) < 18.

are\_divorced(Person1, Person2, Year) :-

married(Person1, Person2, Marriage),

divorced(Person1, Person2, Divorce),

Year >= Divorce,

Divorce > Marriage.

