%Program 10

%Austin Spencer

%Family Tree of Kingdom of Denmark

%female( <name> ).

female( margrethe ).

female( alexandra ).

female( mary ).

female( marie ).

female( isabella ).

female( josephine ).

female( athena ).

%male( <name> ).

male( henrik ).

male( frederik )

male( joachim ).

male( christian ).

male( vincent ).

male( nikolai ).

male( felix ).

male( henrik ).

%lifespan( <name>, <year born>, <year died> ).

lifespan( margrethe, 1940, present ).

lifespan( henrik, 1934, 2018 ).

lifespan( alexandra, 1964, present ).

lifespan( mary, 1972, present ).

lifespan( marie, 1976, present ).

lifespan( isabella, 2007, present ).

lifespan( josephine, 2011, present ).

lifespan( athena, 2012, present ).

lifespan( henrik, 2009, present ).

lifespan( frederik, 1968, present ).

lifespan( joachim, 1969, present ).

lifespan( christian, 2005, present ).

lifespan( vincent, 2011, present ).

lifespan( nikolai, 1999, present ).

lifespan( felix, 2002, present ).

%parentOf( <parent’s name>, <child’s name> ).

parentOf( henrik, joachim ).

parentOf( henrik, frederik ).

parentOf( christian, frederik ).

parentOf( isabella, frederik ).

parentOf( vincent, frederik ).

parentOf( josephine, frederik ).

parentOf( nikolai, joachim ).

parentOf( felix, joachim ).

parentOf( henrik, joachim ).

parentOf( athena, joachim ).

%rulerOf( <ruler’s name>, <country’s name>, <year began>, <year ended> ).

rulerOf( margrethe, denmark, 1972, present ).

rulerOf( henrik, denmark, 1972, 2002 ).

rulerOf( alexandra, frederiksborg, 2007, present ).