Program code :

male (peter)

male (john)

male (chris)

male (kevin)

female (betty)

female (jeny)

female (lisa)

female (helen)

parent Of (chris , peter)

parent Of (chris, betty)

parent of (helen, peter)

parent Of (helen, betty)

parent Of (kevin, chris)

parent Of (kevin, lisa)

parent Of. (jeny , john)

parent Of (jeny, helen)

father (x, y) :- male (y),
parent of (x, y).

mother (x, y) :- female (y),
parent of (x, y)

grandfather (x, y) :- male (y)
parent of (x, z),
parent of (z, y)

grandmother (x, y) :- female (y).
parent of (x, z).
parent of (z, y).

brother (x, y) :- male (y),
father (x, z).
father (y, w),
z == w.

sister (x, y) :- female (y).
father (x, z).
father (y, w)
z == w.

output :

```
?- father('chris', 'peter').
true.
?- mother('helen', 'peter').
false.
?- grandfather('kevin', 'peter').
true.
?- grandmother('jeny', 'helen').
false.
?- brother('peter', 'betty').
false.
?- sister('betty', 'peter').
false.
```

Result :

Thus the program was successfully executed & the output is verified.