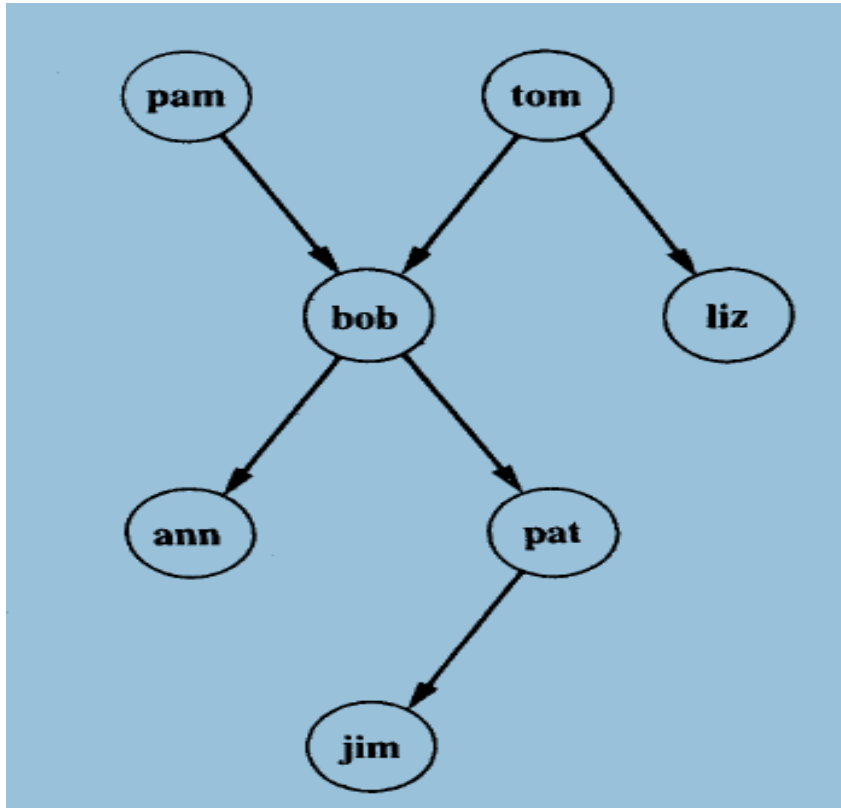


Program and Output



a family relation

```
parent( pam, bob).  
parent( tom, bob).  
parent( tom, liz).  
parent( bob, ann).  
parent( bob, pat).  
parent( pat, jim).
```

Output :

```
GNU Prolog console
File Edit Terminal Prolog Help
GNU Prolog 1.5.0 (64 bits)
Compiled Jul  8 2021, 12:22:53 with gcc
Copyright (C) 1999-2021 Daniel Diaz

compiling C:/GNU-Prolog/Expi/Experiment1.pl for byte code...
C:/GNU-Prolog/Expi/Experiment1.pl compiled, 6 lines read - 687 bytes written, 10 ms
| ?- change_directory('C:/GNU-Prolog/Expi').

yes
| ?- parent(jim, X).

no
| ?- parent(X, jim).

X = pat

yes
| ?- parent( paffi, X), parent( X, pat).

no
| ?- parent( paffi, X), parent( X, Y), parent( Y, jim).

no
| ?- parent(X, pat).|

X = bob ?

yes
| ?- parent(liz, X).

no
| ?- parent(X, pat), parent(Y, X).

X = bob
Y = pam ?

yes
| ?- 'C:/GNU-Prolog/Expi/Experiment1.pl'
```