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exp 29th aiml.pl

```prolog
female(pam). %clauses
female(liz).
female(pat).
female(ann).

male(jim).
male(bob).
male(tom).
male(peter).

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

mother(X,Y):- parent(X,Y), female(X).
father(X,Y):- parent(X,Y), male(X).
sister(X,Y):- parent(Z,X), parent(Z,Y), female(X), X\==Y.
brother(X,Y):- parent(Z,X), parent(Z,Y), male(X), X\==Y.
```

Undefined

27°C
Mostly cloudy

Q Search

SWI-Prolog (AMD64, Multi-threaded, version 9.0.4)

File Edit Settings Run Debug Help

```
Welcome to SWI-Prolog (threaded, 64 bits, version 9.0.4)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?-
% c:/Users/Konda/OneDrive/Documents/Prolog/exp 27th aiml.pl compiled 0.00 sec, 3 clauses
?- fibonacci(6, Result).
Result = 8
% c:/Users/Konda/OneDrive/Documents/Prolog/exp 29th aiml.pl compiled 0.00 sec, 20 clauses
[print]
Result = 8 .

?- parent(liz,X),female(X).
false.

?- parent(peter,Y),male(Y).
Y = jim.

?-
```