30.Write a Prolog Program to implement Towers of Hanoi.

Program:

```
move(1,X,Y,_) :-
  write('Move top disk from '), write(X), write(' to '), write(Y), nl.
move(N,X,Y,Z) :-
  N>1,
  M is N-1,
  move(M,X,Z,Y),
  move(1,X,Y,_),
  move(M,Z,Y,X).
```

OUTPUT: