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	Define a predicate grandson(X,Y) which holds iff X is a grandson of Y. Define a predicate descendent(X,Y) which holds iff X is a descendent of Y. Define a predicate grandparent(X,Y) which holds iff X is a grandparent of Y. Consider the following genealogical tree: father(a,b). father(a,c). father(b,d). father(b,e). father(c,f). Say which answers, and in which order, are generated by your definitions for the following queries in Prolog: ?- cousin(X,Y). ?- grandson(X,Y). ?- descendent(X,Y). ?-grandparent(X,Y).		
10.	Write a program to solve Tower of Hanoi problem using Prolog.		
11.	Write a program to Implement A* Algorithm using Prolog.		
12.	Write a program to solve N-Queens problem using Prolog.		
13.	Write a program to solve travelling salesman problem using Prolog.		
14.	Write a program to solve Monkey Banana problem using Prolog.		