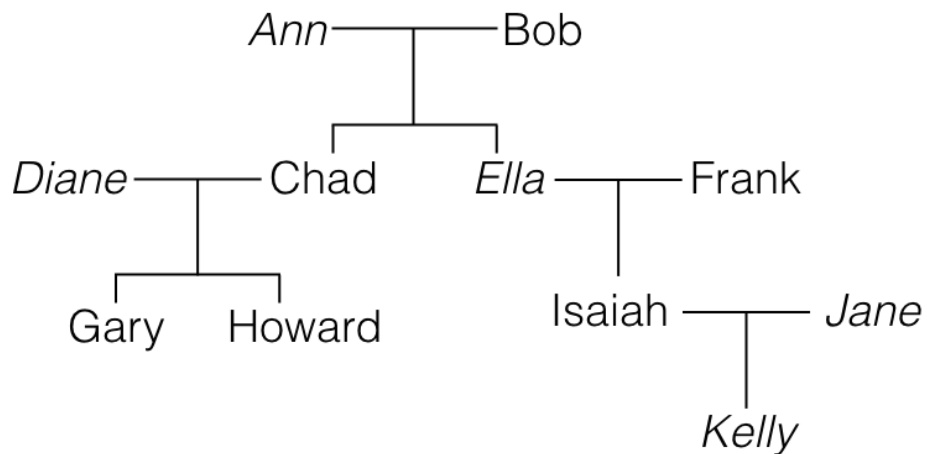


LAB Quiz 01

Artificial Intelligence and Expert Systems Sessional

1. Consider the following Family Tree. Then write 3 types of rules.
 - a. `female (X).`
 - b. `parent(X,Y).` X is the parent, Y is the child.
 - c. `married(X,Y).` X is the wife and Y is the husband.
 - d. Find the descendent of Bob.



2. Find the Output of the following Code Segment:

Knowledge Base:

```
la(List2, [], List2).  
la(List2, [H1|T1], [H1|T]) :- la(List2, T1, T).
```

Query:

```
la([1,2,3], [4,5,6], X)
```