



A.Y. 2022-2023

Subject: Artificial Intelligence

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Experiment No. 08

Aim: To implement Family Tree in Prolog.

```
parent(Parent, Child).  
  
Child = uvi,  
Parent = ran  
Child = ushi,  
Parent = ran  
Child = uvi,  
Parent = jay  
Child = ushi,  
Parent = jay  
Child = sia,  
Parent = raj  
Child = kavi,  
Parent = raj  
Child = ram,  
Parent = vijay  
Child = tina,  
Parent = vijay  
  
?- parent(Parent, Child).
```

```
mother(Mother, Child).  
  
Child = uvi,  
Mother = ran  
Child = ushi,  
Mother = ran  
false  
  
?- mother(Mother, Child).
```

```
sibling(Sibling, ushi).  
  
Sibling = uvi  
Sibling = uvi  
false  
  
?- sibling(Sibling, ushi).
```