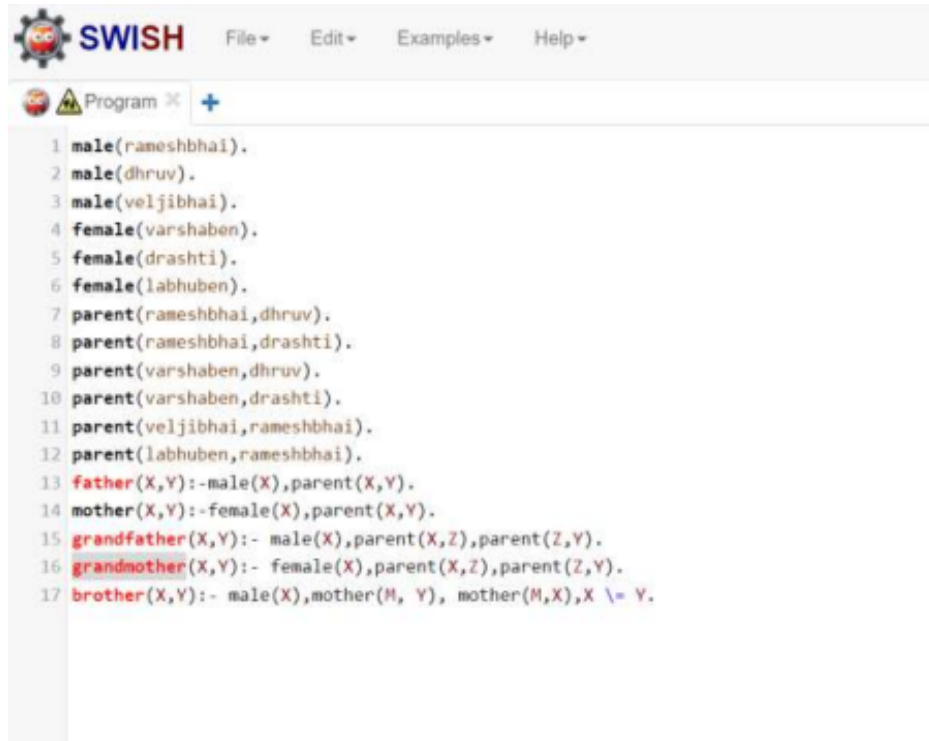


**Aim: Family Tree Using PROLOG.**The image shows a screenshot of the SWISH Prolog editor. The window has a title bar with the SWISH logo and menu items: File, Edit, Examples, and Help. Below the title bar is a toolbar with a 'Program' button and a '+' icon. The main area contains a list of 17 Prolog facts and rules. Lines 1-12 are facts defining individuals and their parents. Lines 13-17 are rules defining family relationships like father, mother, grandfather, grandmother, and brother.

```
1 male(rameshbhai).
2 male(dhruv).
3 male(veljibhai).
4 female(varshaben).
5 female(drashti).
6 female(labhuben).
7 parent(rameshbhai,dhruv).
8 parent(rameshbhai,drashti).
9 parent(varshaben,dhruv).
10 parent(varshaben,drashti).
11 parent(veljibhai,rameshbhai).
12 parent(labhuben,rameshbhai).
13 father(X,Y):-male(X),parent(X,Y).
14 mother(X,Y):-female(X),parent(X,Y).
15 grandfather(X,Y):- male(X),parent(X,Z),parent(Z,Y).
16 grandmother(X,Y):- female(X),parent(X,Z),parent(Z,Y).
17 brother(X,Y):- male(X),mother(M, Y), mother(M,X),X \= Y.
```

