**Experiment No. 11**

**Aim:** To calculate factorial of a number using Prolog.

**Requirements:** Compatible version of SWI-Prolog.

**Theory:**

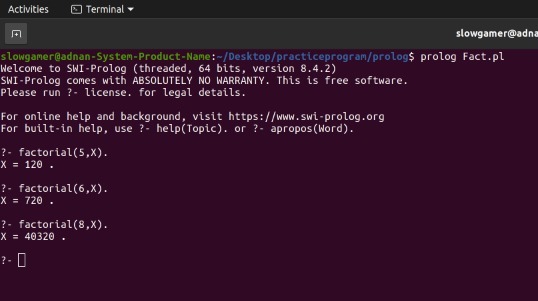
**Formula:**

**Code:**

factorial(1,X):- X is 1.

factorial(N,X) :- N1 is N-1, factorial(N1,X1),X is N\*X1.

**Output:**



**Conclusion:** We have successfully calculated factorial of two number using Prolog.