**Write a program in PROLOG to implement generate\_fib(N,T) where T represents the Nth term of**

**the fibonacci series.(You have to generate the fibonacci series till nth term)**

:- dynamic(stored/1).

memo(Goal) :-

stored(Goal) -> true;

Goal, assertz(stored(Goal)).

start:-write('Fibonacci Series\n'),

write('Enter the term n: '),

read(N),

generate\_fib(N,T),

write('\nnth term is: ').

generate\_fib(0,0):-!,write('0 ').

generate\_fib(1,1):-!,write('1 ').

generate\_fib(N,T):- N1 is N-1,

N2 is N-2,

memo(generate\_fib(N2,T1)),

memo(generate\_fib(N1,T2)),

T is T1+T2,

write(T),write(' ').

**Output**

