# Assignment 4

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

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

write('Enter the term n: '),

read(N),

generate\_fib(N,T),

write('\nnth term is: '),

write(T).

generate\_fib(0,0).

generate\_fib(1,0).

generate\_fib(2,1).

generate\_fib(N,T):-N > 2,N1 is (N-1),N2 is (N-2),

generate\_fib(N1,T1),generate\_fib(N2,T2),

T is T1+T2.

**Output**

