# **Assignment 14**

**Write a Prolog program to implement sumlist(L, S) so that S is the sum of a given list L.**

start:-write('Sum of a list\n'),

write('Enter a list: '),

read(L),

sumlist(L,S),

write('Sum of the list is: '),

write(S).

sumlist([],0).

sumlist([H|T],S):-sumlist(T,S1),S is S1+H.

**Output**

