# **Assignment 17**

**Write a prolog program to implement remove\_dup(L,R) where L denotes the list with some duplicates and R denotes the list with duplicates removed.**

start:-write('Removing Duplicates\n'),

write('Enter a list: '),

read(L),

write('List without duplicates: '),

remove\_dup(L,R),

write(R).

remove\_dup([],[]).

remove\_dup([H|T], R):- member(H, T),remove\_dup(T, R).

remove\_dup([H|T], [H|R]):-remove\_dup(T,R).

**Output**

