1. Take three numbers as input from user and determine which one among them is the maximum number.

Solution:

read\_input :-

write('Write 1st number: '),

read(A),

write('Write 2nd number: '),

read(B),

write('Write 3rd number: '),

read(C).

max(integer,integer,integer)

max(A,B,C):-

A>B,

A>C,

write(A).

max(A,B,C):-

A>B,

write(C).

max(\_,B,C):-

B>C,

write(B).

max(\_,\_,C):-

write(C).

2. Take three numbers as input from user and display the addition of only even numbers among them. If the three numbers are odd, display the message that 'They are all odd numbers'

Solution:

even(X) :-

Y is mod(X,2),

Y =:= 0.

odd(X) :-

Y is X + 1,

even(Y).

sum\_even(0, []).

sum\_even(X, [H|T]) :-

even(H),

sum\_even(Y, T),

X is Y+H.

sum\_even(X, [H|T]) :-

odd(H),

sum\_even(X, T).