**Lab 2 Read Write Functions**

**Q No 1: Find the different solutions for the following facts.**

male(alish).

male(bishnu).

male(bikash).

male(chandra).

male(chiranjibi).

female(alisha).

female(kunti).

female(rina).

female(renu).

female(jenisha).

Find the solution for following relations.

1) ?- male(X).

2) ?- female(Y).

3) ?- male(X),female(Y).

4) ?- male(alish).

5) ?- female(kunti).

**Q No 2: Use of write command.**

what\_grade(5):-

write('Go to Kindergarden').

what\_grade(6):-

write('Go to first grade').

what\_grade(Other) :-

Grade is Other,

format('Go to grade ~w',[Grade]).

Now Run

1) ?- what\_grade(5).

2) ?- what\_grade(6).

3) ?- what\_grade(10).

**Q no 3.Reading and writing characters.**

say\_hi :-

write('What is your name ?'),

read(X),

write('HI dear '),

write(X).

fav\_char :-

write('What is your fav character?'),

get(X),

format('The ASCII value ~w is',[X]),

put(X),nl.

Now Run:

1) say\_hi.

What is your name ? 'Raj'.

2) fav\_char.

What is your fav character?A