

## Test results-

1-

?- replace([1,2,3,4,5],1,2,L).

L = [2, 2, 3, 4, 5].

?- replace([2,3,1,6,7],6,2,L).

L = [2, 3, 1, 2, 7].

2-

?- fib(5,X).

X = 5 .

?- fib(8,X).

X = 21 .

?- fib(10,X).

X = 55 .

3-

?- remove(2,[1,2,3,5,6],L).

L = [1, 3, 5, 6] .

?- remove(1,[3,2,6],L).

L = [2, 6] .

4-

?- insert(2,[1,3,4,5],2,L).

L = [1, 2, 3, 4, 5] .

5-

?- range(9,14,L).

L = [9, 10, 11, 12, 13, 14].

?- range(10,1,L).

L = [].

6-

?- move([west,west,west,west]).

carry goat from:west-east

move fisherman from:west-east

carry tiger from:west-east

carry goat from:west-east

carry cabbage from:west-east

move fisherman from:west-east

carry goat from:west-east

true.

7-

?- hanoi(a,c,b,3).

move one disc from:a-c

move one disc from:a-b

move one disc from:c-b

move one disc from:a-c

move one disc from:b-a

move one disc from:b-c

move one disc from:a-c

8-

?- spell(2356).

two-three-five-six-

true .