Lab13:
```
write_a_list([]).
write_a_list([H|T]):-
    write(H),nl,
    write_a_list(T).
```

Input And Output:
```
write_a_list([1, 2, 3]).
```

Lab14:
```
member(Name, [Name|_]).
member(Name, [_|Tail]):-
    member(Name,Tail).
```

Input And Output:
```
member(susan, [ian, susan, john]).
```

Lab15:
```
substitute(X, N, [], []).
substitute(X, N, [H|T], [H|Y]):-
    X \= H,
    substitute(X, N, T, Y).
    substitute(X, N, [X|T],[N|Y]):-
    substitute(X, N, T, Y).
```

Input And Output:
```
substitute(1, 10, [1,2,1,3,1,4],X).
```

Lab16:
```
max(M, [], M).
max(M, [H|T],X):-
    X >= H,
    max(M, T, X).
    max(M, [H|T],X):-
    H > X,
    max(M, T, H).
```

Input And Output:
```
max(M,[10,2,10,30,1,4],0).
```