[1, 3, 5, 7]

[1]

[ ]

5, 6, 7, 8, 9, 10,
12, 13, 22, 25

[H | T]

H = 1
T = [3, 5, 7]

H = 1
T = [ ]

[H1, H2 | T]

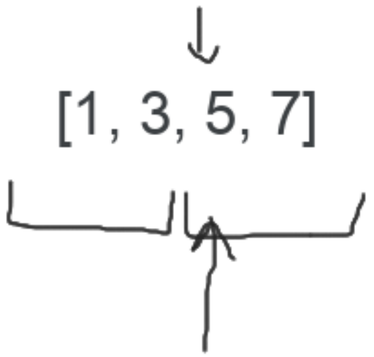
H1 = 1
H2 = 3
T = [5, 7]

[X, Y | T] [a | Z]

X = a
Z = [Y | T]

```
membro(X, [X | _] ).
membro(X, [Y | L]):-
    X \= Y,
    membro(X, L).
```

```
membro(X, L):-
    append(_L1, [X|_L2], L).
```




```
membro(3, [1,2,3])
append(L1, [3|L2], [1,2,3])
```

```
[1,2] = [2,1]
no
```

```
append(L1, L2, L3).

append([1,2], [3,4], [1,2,3,4] ).
yes

append([1,2], [3,4], X).
X = [1,2,3,4]

append([1,2], X, [1,2,3,4]).
X = [3,4]

append(X, [3,4], [1,2,3,4]).
X = [1,2]

append(X, Y, [1,2,3]).
X = [ ], Y = [1,2,3] ? ;
X = [1], Y = [2,3] ? ;
X = [1,2], Y = [3] ? ;
X = [1,2,3], Y = [] ? ;
no
```

write(X), write(ola), write(6), write('Olá Mundo!'), nl,

write("ola")

read(X)

get_char(X)

put_char(X)

```
[  [0, 1, 2],
   [1, 0, 1],
   [2, 0, 1] ]
```

0 - vazia
1 - X
2 = O

get_code(X)

put_code(X)

```
print_tab( [ ] ).
print_tab( [L | T] ):-
    write('|'), print_line(L), nl,
    print_tab(T).
print_line( [ ] ).
print_line( [ C | L ] ):-
    print_cell(C),
    print_line(L).
print_cell(C):-
    code(C, P),
    write(P), write(' |').
code(0, ' ').
code(1, 'X').
code(2, 'O').
```