**HOW TO RUN EACH CODE**

**A -COUNTS NO OF ELEMENT IN LIST**

* **HOW TO RUN CODE**

- Consult file ‘Count.pro’.

-Type in terminal:

**?- count([1,2,3,4,5],X).**

**RESULT:**

X = 5.

**B – COUNTS FREQUENCY OF EACH ELEMENT IN LIST**

* **HOW TO RUN CODE**

- Consult file ‘el\_Count.pro’.

-Type in terminal:

**?- occurrences([a,b,c,1,2,a,b,1,1,1],X).**

**RESULT**

X = [[a, 2], [b, 2], [c, 1], [1, 4], [2, 1]]

**C – REMOVE ELEMENT FROM LIST**

* **HOW TO RUN CODE**

- Consult file ‘delete.pro’.

-Type in terminal:

**?-deleteall(2,[1,3,2,3,0,1,2],X).**

**RESULT**

X = [1, 3, 3, 0, 1]

**D -RETURN MAXIMUM VALUE OF LIST**

* **HOW TO RUN CODE**

- Consult file ‘Max.pro’.

-Type in terminal:

**?- max([1,2,3,4,5,6,7],X).**

**RESULT**

X = 7

**E – SPLIT LIST INTO TWO PARTS**

* **HOW TO RUN CODE**

- Consult file ‘split.pro’.

-Type in terminal:

**?-split\_list(2,[q,w,e,r,t,y,u,i,o],X).**

**RESULT**

X = [[q, w], [e, r, t, y, u, i, o]]