ESTRUCTURA DE DATOS 1
Código ST0245

Laboratory practice No. 3: LinkedList and ArrayList

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3) Practice for final project defense presentation

3.1

Exersice	ArrayList	LinkedList
1.1	$O(n^2*m)$	$O(n*m)$
1.1	$O(m*k)$	$O(m+k)$

Where: n is the number of students, m is the number of semesters of the student and k is the number of subjects of the semester

3.3 The complexiy of the implementation 2.1 is
$O(n^3)$
3.4 where n is the length of the string

4) Practice for midterms

4.1 c
4.2 c
4.3 a. q.size()>=1
    b. <=
    c. q.remove()
    d. q.remove()
4.4 a. lista.size()
    b. lista.add(auxiliar.pop());
4.5 a. auxiliar1.size()>0, auxiliar2.size()>0,
    b. personas.offer(edad)
4.6 a
4.7 No hay pregunta
4.8 c
4.9 a. a
    b. c
    c. c
4.10   a. d
       b. a

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    c. b
4.11   a. c
    b. b
4.12   a. s1.size()>=0
    b. s1.pop()
    c. s2.pop()
4.13   a. iv
    b. i
4.14   a. iii
    b. iv
4.15   iii

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