ESTRUCTURA DE DATOS 1
Código ST0245

Laboratory practice No. 3:
Linked lists and dynamic vectors

(SOLVED ONLY THE PRACTICE FOR MIDTERMS)

María Paulina Ocampo Duque
Universidad Eafit
Medellín, Colombia
mpocampod@eafit.edu.co

María José Gutiérrez Estrada
Universidad Eafit
Medellín, Colombia
mjgutierre@eafit.edu.co

3) Practice for final project defense presentation

3.1
3.2
3.3
3.4
3.5
3.6

4) Practice for midterms

4.1 Optional
4.2 Opt c) O(n)
4.3 DOES NOT EXIST
4.4 1. LINE 21 output.append(**token**).append(' ');
   2. c) O(1)
4.5 Optional
4.6 Opt a) O(n^3)
4.7 DOES NOT EXIST
4.8 c) O(n) y O(1)
4.9 4.8.1 a) O(k)
  4.8.2.c) 12
  4.8.3 c) O(n)
4.10   **4.9.1** d) O(n^2)
   4.9.2 a) 6
   4.9.3 b) O(n)
4.11   **4.10.1** b) O(max(list)*n^2)
   4.10.2 b) O(n)
4.12   **4.11.1 LINE 13** (s1!.isEmpty())

PhD. Mauricio Toro Bermúdez
Professor | School of Engineering | Informatics and Systems
Email: mtorobe@eafit.edu.co | Office: Building 19 – 627
Phone: (+57) (4) 261 95 00 Ext. 9473

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        4.11.2 LINE 14 (s1.pop())
        4.11.3 LINE 17 (s2.pop())
4.13   **4.12.1** iv) 0, 2, 4, 6, 8, 10
       4.12.2 i) O(1)
4.13   **4.13.1** iii) $O(n^2)$
       4.13.2 iii) $O(n^2)$

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