

Laboratory practice No. 1: Recursion 1

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3) Practice for final project defense presentation

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4) Practice for midterms

4.1 3: true;
4: s.charAt(0) == s.charAt(s.length()-1)

4.2 a) $T(n) = T(n/2) + C$

4.3

4.3.1 4: n-a,a,b,c
4.3.2 5: res,solucionar(n-b,a,b,c)+1
4.3.3 6: res,solucionar(n-c,a,b,c)+1

4.5

4.5.1

3: if(T==0) return 1;
4: if (T<=1) return 0;
8: return f1+f2+f3;

4.5.2 a. $T(n) = T(n-1) + C$

4.6

4.6.1. 10: sumaAux(n.substring(2+i),i++);
4.6.2. 12: sumaAux(n.substring(i+1),i++);

4.8

4.8.1 9: return 0;
4.8.2 13: ni+nj

4.10 b. 6

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ESTRUCTURA DE DATOS 1
Código ST0245

4.11

4.11.1. 4: $n - 1$, lucas($n - 2$);

4.11.2 $T(n) = T(n-1) + T(n-2)$

4.12

4.12.1 13: sat

4.12.2 17: Math.max(f_i , f_j)

4.12.3 18: sat

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