

Laboratory practice No. 5: Divide to conquer and dynamic programming

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3) Practice for final project defense presentation

- 3.1
- 3.2
- 3.3
- 3.4
- 3.5
- 3.6

4) Practice for midterms

4.2.1 $O(\text{lenx} * \text{leny})$

4.2.2 `table[lenx][leny]`

4.5.1 $c = T(n) = T(n/2) + C$ that is $O(\log n)$

4.5.2 `a[mitad]`

4.5.3 `a, mitad+1, de, z`

4.6.1 `scm[i]=1`

4.6.2 `scm[i] = 1 + scm[j]`

4.6.3 `max = scm[i]`

4.6.4 c) $O(n^2)$

4.7.1 `d[i][j]`

4.7.2 `d[k][j]`

4.7.3 `d[i][k]`

4.7.4 $O(n^3)$

5) Recommended reading (optional)

Mapa conceptual

6) Team work and gradual progress (optional)

- Meeting minutes
- 6.2 History of changes of the code

6.3 History of changes of the report