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Discrete Mathematics for Bioinformatics (P1)

WS 2010/11

Exercises 0

1. Background Reading I (Niveau I)

Read the article *Computational Thinking* by Jeannette Wing. Mrs. Wing elaborates on seven characteristics of computational thinking. Write a short essay about the two characteristics you agree or disagree most (half a page).

2. Background Reading II (Niveau I)

Read chapter 1 and 2 of Corman, Leiserson, Rivest: Introduction to Algorithms. Solve problem 1.2.-3.

3. Background Reading III (Niveau II)

Read up to and including chapter 1.2 of Motwani, Raghavan: Randomized Algorithms. Can you give an example of a Monte-Carlo and a Las-Vegas style algorithm?