

CSCI 241: HOMEWORK 4

Each question is worth 25 points. The assignment is due on Feb 20 in class. Show your work.

1. Section 2.3, Problem 14 from the textbook.
2. Section 2.4, Problem 32 from the textbook.
3. Section 2.4, Problem 40 from the textbook.
4. Write a non-recursive formula for a_i in the following sequence:

1 2 2 4 4 4 4 8 8 8 8 8 8 8 16 16...

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