

CEN 134 Hw (Basic Mathematic Operations for learning C Program Design)

Problem 1. In this problem you are requested to find the sum of even numbers from 1 to N. The number N should be entered by the user. Please achieve the followings:

- a)* Design the algorithm. Write the algorithm as a textual notation (pseudocode).
- b)* Draw the graphical representation (the flow chart diagram) of the algorithm that you designed in a).
- c)* Implement the algorithm as a C program.

Problem 2. In this problem you are requested to the factorial of a number N. The number N should be entered by the user. Please achieve the followings:

- a)* Design the algorithm. Write the algorithm as a textual notation (pseudocode).
- b)* Draw the graphical representation (the flow chart diagram) of the algorithm that you designed in a).
- c)* Implement the algorithm as a C program.

Homework Policies:

1. Please do not submit this homework and because it will not be graded. If you have any questions please see me or your lab. assistants (ask them for their office hours).

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