Final LAB Project

Write program to perform spatial filtering of an image (See section 3.4 regarding implementation). You can fix the size of the spatial mask at 3 x 3, but the coefficients need to be variables that can be input into your program. This project is generic, in the sense that it can be used in any filter.

Extend the program from previous **Prog. Ass. 02** to compute the Sobel gradient using the masks in Fig.10.14 and Eq. (10.2-20) after smoothing original image using suitable filter.

**Hint:** your program should convert the original image from model A to B.

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Result Image - Approximately

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Read Chapter 10 from the book, and final experiment and you'll solve it 😊