COMPUTER VISION HW1

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References:

1. https://chat.openai.com/chat (ChatGPT sobel kernel in higher dimensions)
2. http://www.adeveloperdiary.com/data-science/computer-vision/how-to-implement-sobel-edge-detection-using-python-from-scratch/ (Sobel Edge Detection)
3. https://stackoverflow.com/questions/9567882/sobel-filter-kernel-of-large-size (sobel kernel in higher dimensions)
4. https://medium.com/@ceng.mavuzer/canny-edge-detection-algorithm-with-python-17ac62c61d2e (guassian kernel)
5. https://towardsdatascience.com/canny-edge-detection-step-by-step-in-python-computer-vision-b49c3a2d8123 (guassian kernel)

Outputs: