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ECE 558

Digital Imaging Systems

Project #1

**For Question 1 (a), please refer to the python file “Q1.py” inside “hshukla\_codes” folder**

A piece of paper with writing on it

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All the result images are attached inside “Q1\_images” folder in the zipped file.

![Text

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In the output window, we can see that pixel values are changed to 28. This proves that the algorithm is performing convolution.

**Question 2**

Python code “Q2.py” inside “hshukla\_codes” folder which is attached in the zip folder.

Results are attached inside “Q2\_images” folder in the zipped file.