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Reg: CS5102 DIP Assignment 6

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Dear students

Problem statement for assignment-6 is:

Download Lena color image, convert it to grayscale image and add salt and pepper noise with noise quantity 0.1, 0.2 upto 1 and generate 10 noisy images.

1. Do average filtering (by correlating with average filter) of varying sizes for each image. Filter size can be 3*3, 5*5, 7*7. (In 3*3 filter all the values are 1/9, in 5*5 filter all the values are 1/25 and in 7*7 filter all the values are 1/49)
2. Similarly, repeat question 1 by replacing the average filter by median filter.

Note:

Evaluation of assignment 5 is **postponed** to next week (along with assignment 6)

Deadline for assignment 6 is 17/02/2022

Thank you
Kiruthika

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