



## Noise filtering

Task1: Take an image and add different noise models to it. Noise models include normal, gamma, Rayleigh, uniform and impulse noises. Add all these noises separately and show the images.

Task2: Apply different noise filters i.e. mean filters and order filters. Apply these filters and check which one works best for which type of noise. Report the results of different filter on each type of noise, that does this work for this or not.

Task3: Find Mr Waldo. We have lost in this scene.

Template:



Image: Find waldo.jpg in the folder

P.S: There should be 5 output images in the task1 and at least 25 images in the task2 with explanations of each.

Use any language and framework of your choice but Jupyter notebook is preferred.