Lab4:

1) Plot the following signals

a) odd signal b) even signal   c) Signum (Sign) Function d) Unit Ramp Signal e) Parabolic Signal   f) Sinc Signal g) Right ,left and double sided exponential signal.

2) Read an image, add any type of noise (Gaussian, exponential, salt and pepper,…) then use the appropriate filter to denoise image. At each stage display the image.

Note:

1. Implement using Jupyter Notebook.(Language: python)

2.Install and Import all necessary packages.

3. Indicate all steps clearly with explanation.

4. After execution download .ipynb and .pdf file which includes code, explanation, output and input image.