This is the Introduction file to the ECE5578 Homework 1 Submission, Spring 2020 for Matthew Kayrish. This submission package contains the following files.

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| **This File** | This is the Table of Contents for the submission. |
| **ECE5578\_HW1\_Report.pptx** | This is the final presentation of the results of HW1. |
| **HW1.docx** | The word document of Homework 1. |
| **Lena.png** | This is the PNG file of Lena that is used for this assignment. |
| **runHW1Prob3.m** | This is the MATLAB file for doing Problem 3 of this assignment. It includes a script that will process and filter the Lena.png image, and a ‘genGeomDist’ function that will generate the double-sided geometric distribution that aligns with the residual distribution. |