2.] Question 2 is solved on Jupyter Notebook and the code along with explanation is uploaded on my github repository here:

https://github.com/rishabhgks/EECE_5644/blob/master/eece5644_hw2/EECE5644_Homework2_Q2.ipynb

3.] Question 3 is solved on Jupyter Notebook and the code along with explanation is uploaded on my github repository here:

https://github.com/rishabhgks/EECE_5644/blob/master/eece5644_hw2/EECE5644_Homework2_Q3.ipynb