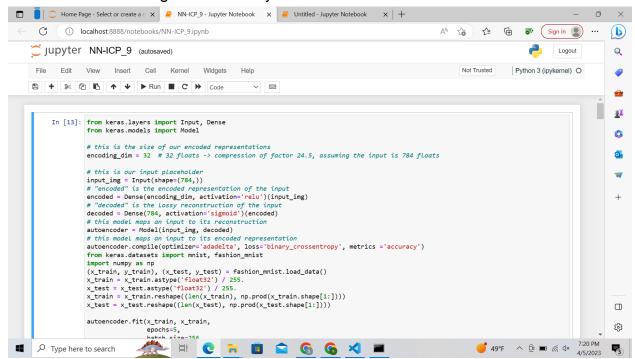
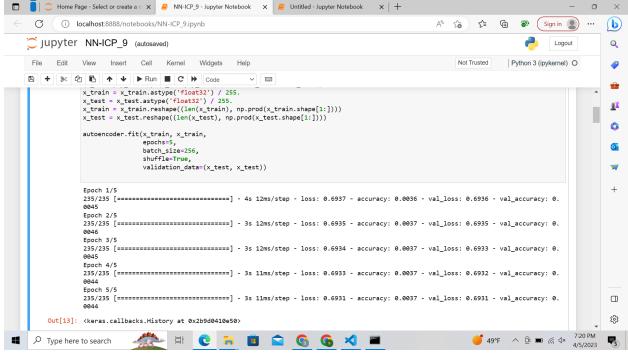
## NN&DeepLearning\_Lesson: Autoencoders

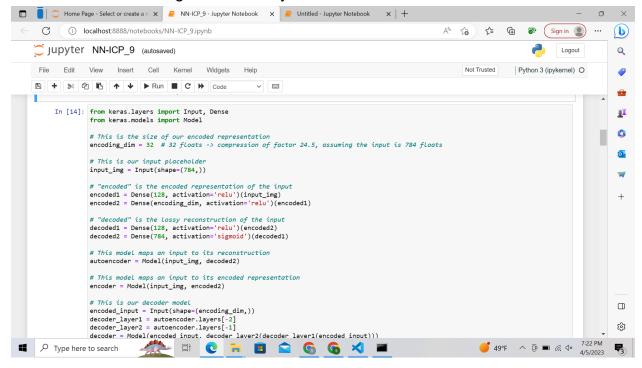
## In class programming:

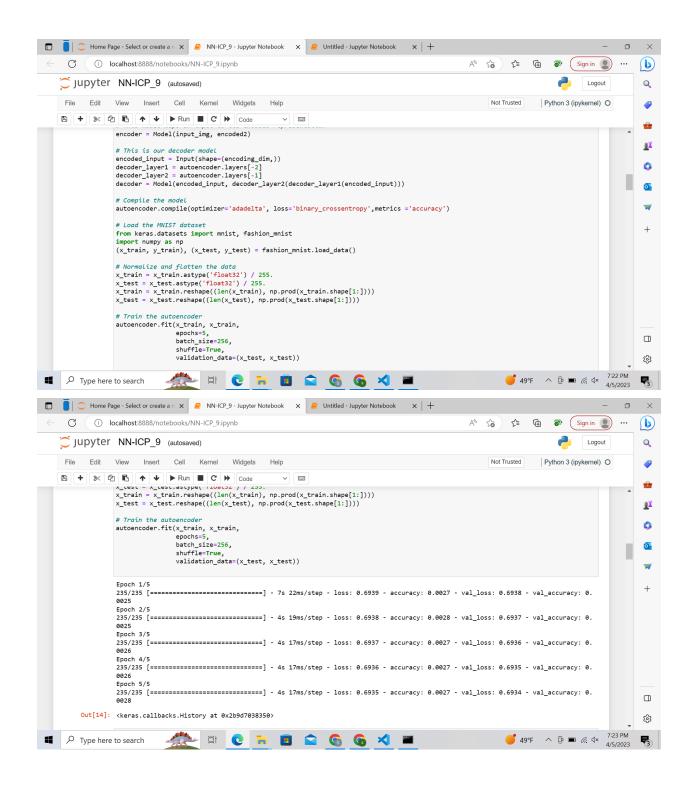
- Add one more hidden layer to autoencoder Ans
- Code before adding the hidden layer



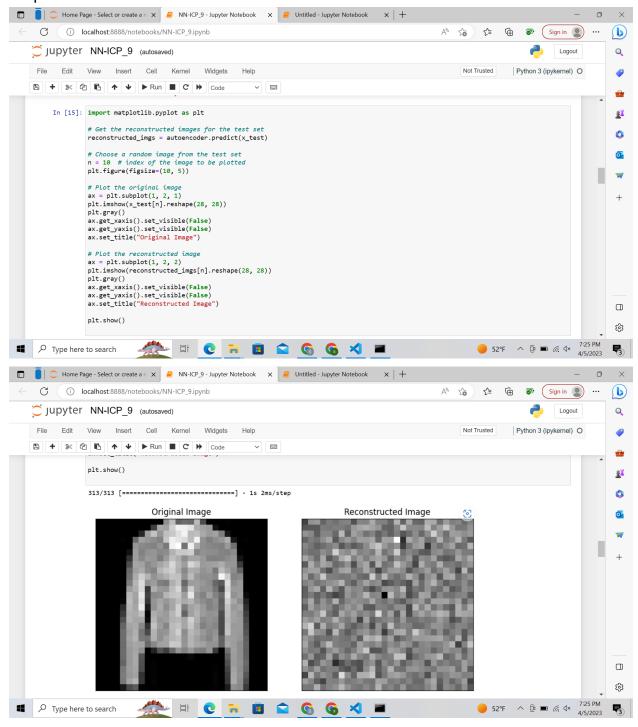


Code after adding the hidden layer

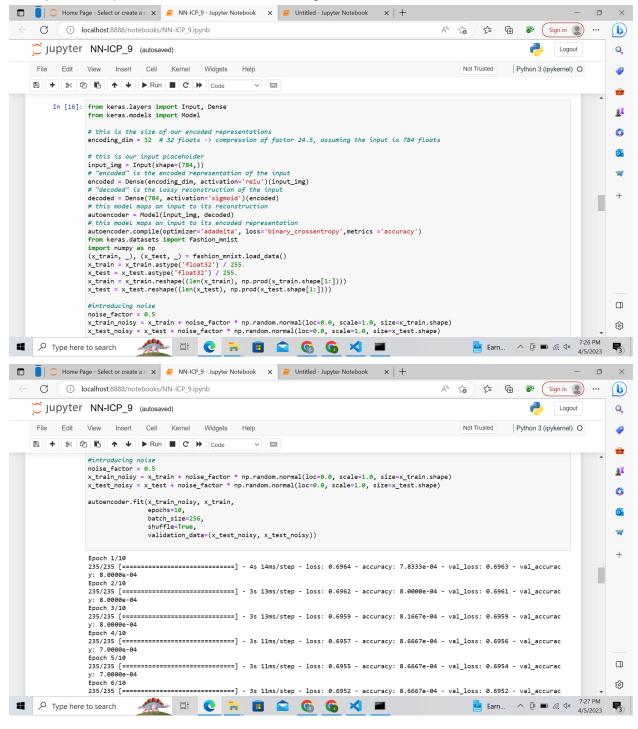


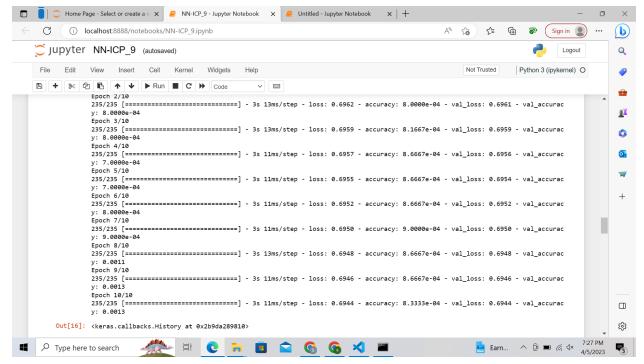


2. Do the prediction on the test data and then visualize one of the reconstructed version of that test data. Also, visualize the same test data before reconstruction using Matplotlib

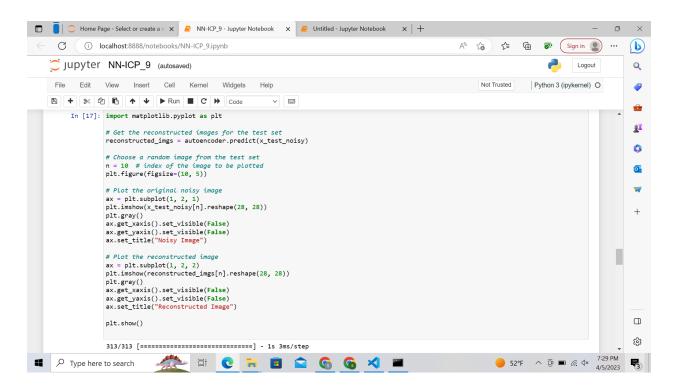


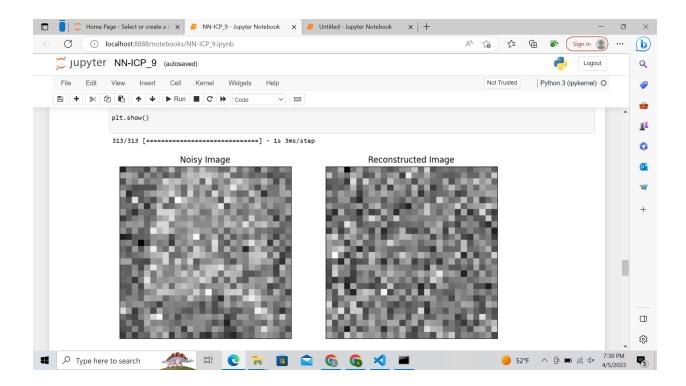
3. Repeat the question 2 on the denoisening autoencoder



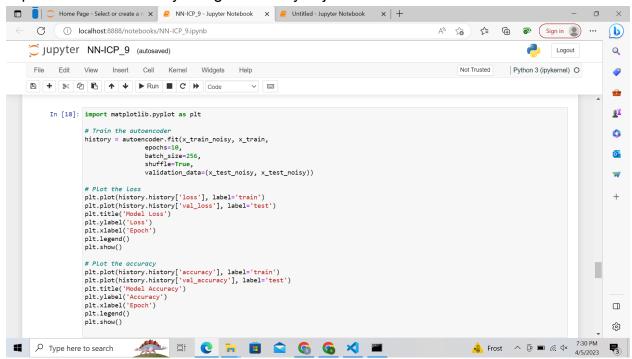


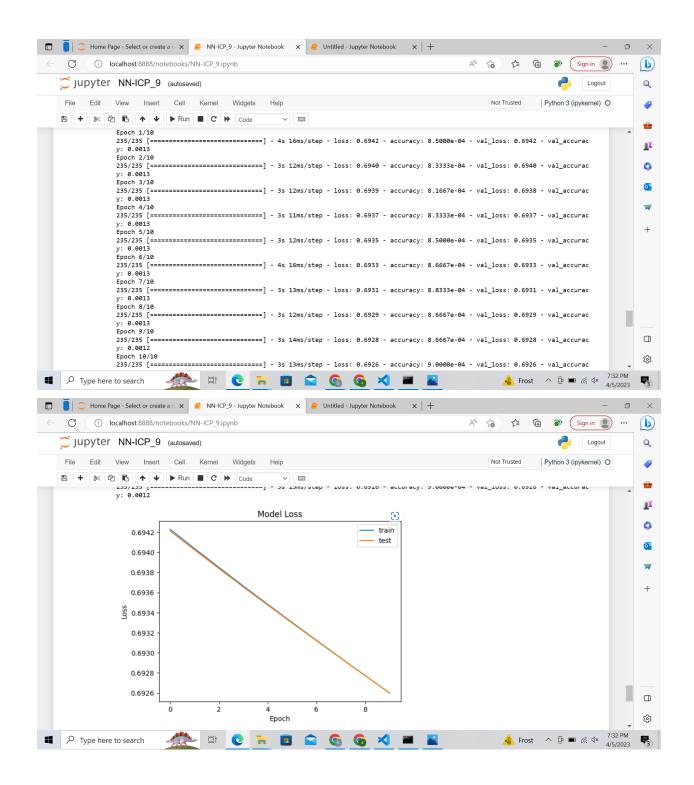
Code after adding the hidden layer to the existing code

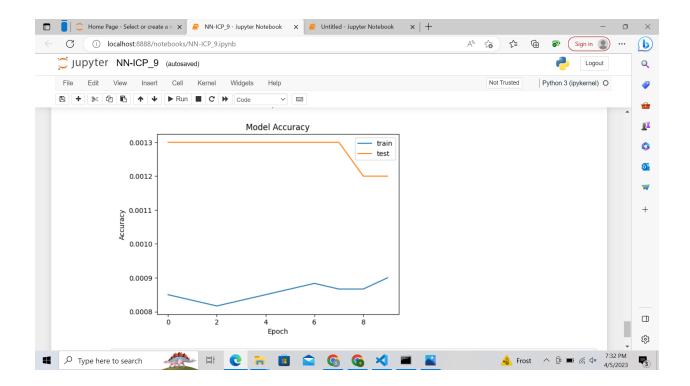




## 4. plot loss and accuracy using the history object







Git repo link: https://github.com/ShruthiVallapReddy/NNDL-assignment-9.git