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Assignment 4
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1 Tak 1: SVHN Image Classification Using a Convolutional Neural Network (CNN)

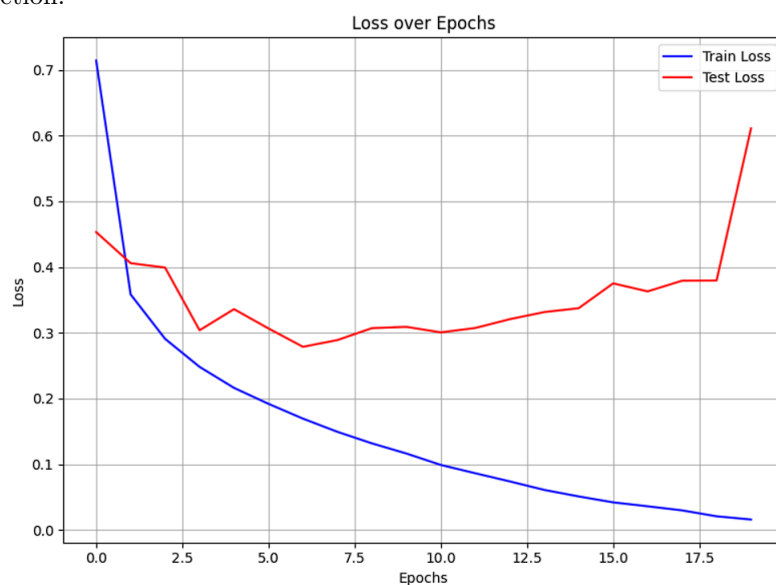
1.1 Part b

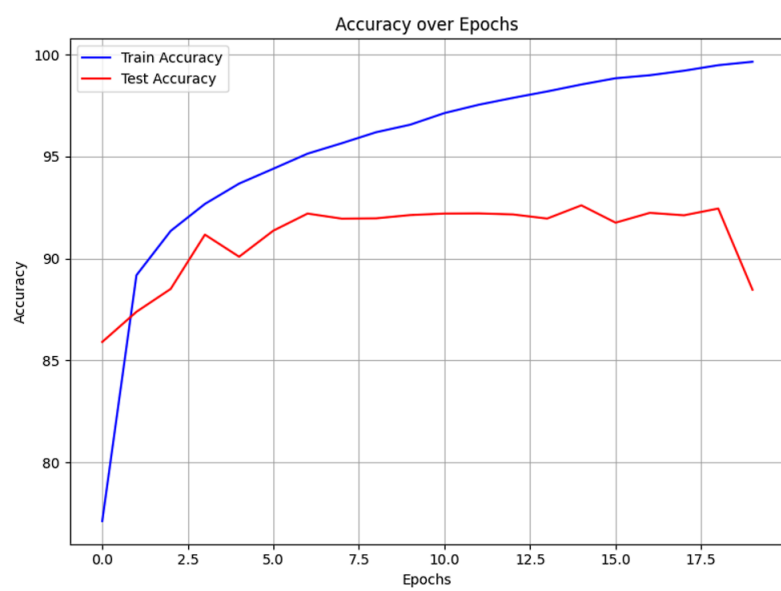
Q1: Include last epoch results for train/test loss and train/test accuracy in your report.

The last epoch result for train/test loss and train/test accuracy is given as followed:

Epoch 20/20 - Train Loss: 0.015768, Train Acc: 99.64%
- Test Loss: 0.611087, Test Acc: 88.46%

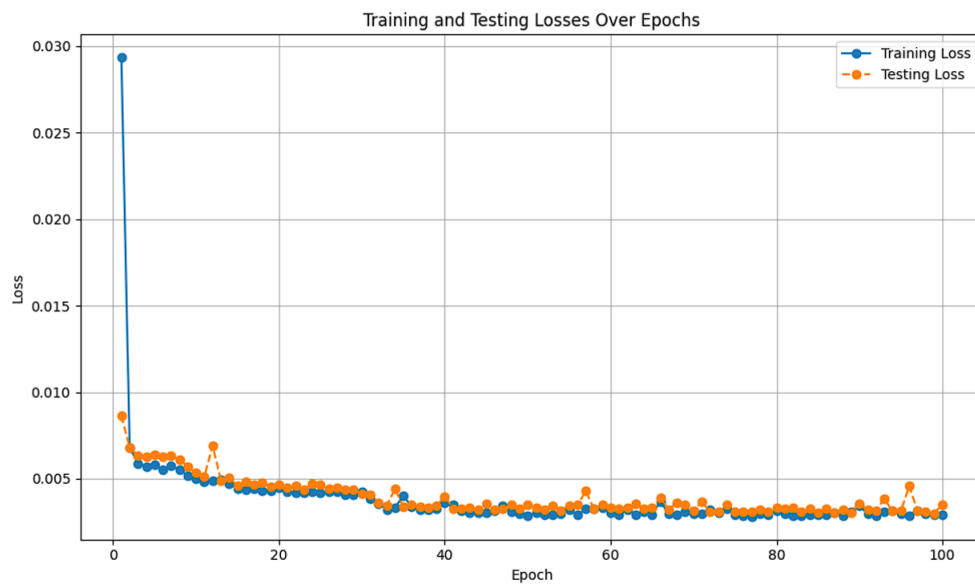
Q2: Plot the train/test losses and train/test accuracies using the `plot_metrics` function.



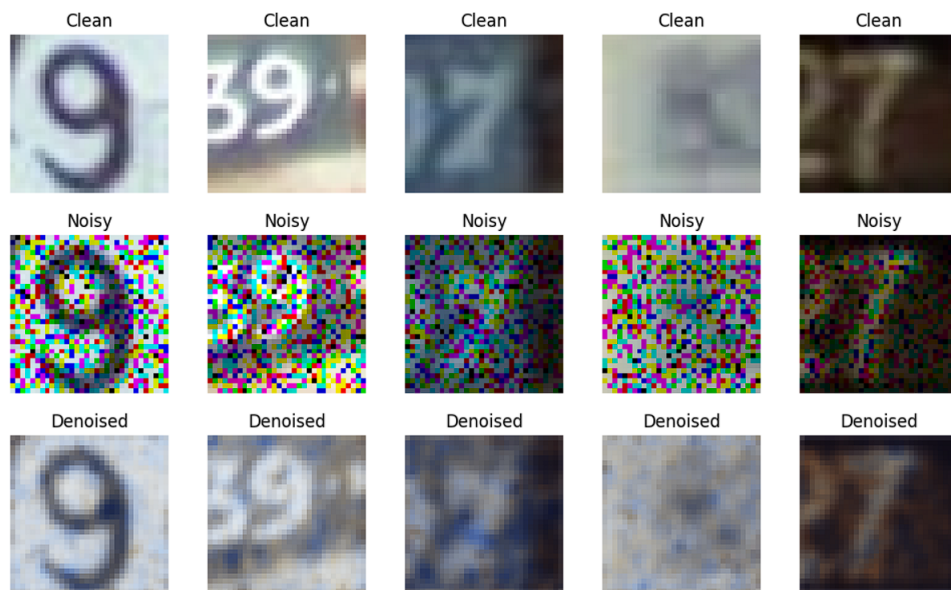


2 Task 2: SVHN Denoising with Convolution Neural Network (CNN)

2.1 Part c



2.2 Part d



Number of batches in paired_testloader_last_five: 24
Test Loss on Classes 5-9: 0.003407