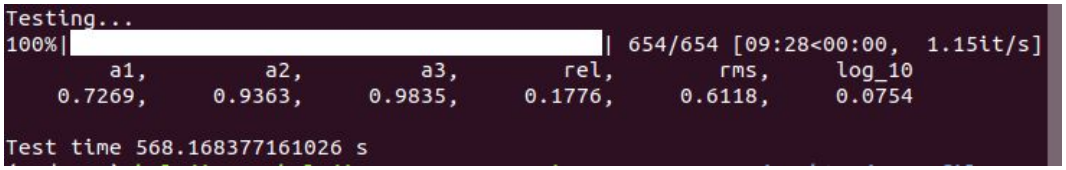
DenseNet-161 Inference

- Trained network with pre-trained DenseNet-161 as encoder on Google Colab : Saved model
    - Nyu_e10.h5 -> trained on 2500 images from NYUDepthv2 dataset; epochs=10; batch_size=4; lr=0.0001

- Evaluate and test scripts written for evaluating network performance.

- Was able to run inference for accurate model on local machine and got the error metrics to evaluate performance. Took ~9 minutes to complete evaluation over 654 test images.



- Implementation of approx_model with custom_conv reading values from a .csv file to get the approximate product values based on the multiplicands done.

- Currently trying:
    - Testing of approx model on Google Colab as it is too slow on local machine. Will give an update by eod.

Google colab notebook:
https://colab.research.google.com/drive/1hR70s85isOyWzyo0-o8970rDvmbcUz6R?usp=sharing
Google drive for files used in training and testing DenseNet-161 encoder based model:
https://drive.google.com/drive/folders/1C639982wG5Bp4mwZaZmKJKMDCbSkVm6E?usp=sharing