1.first go to preproceesing folder which is in the codes folder now to the main.m file

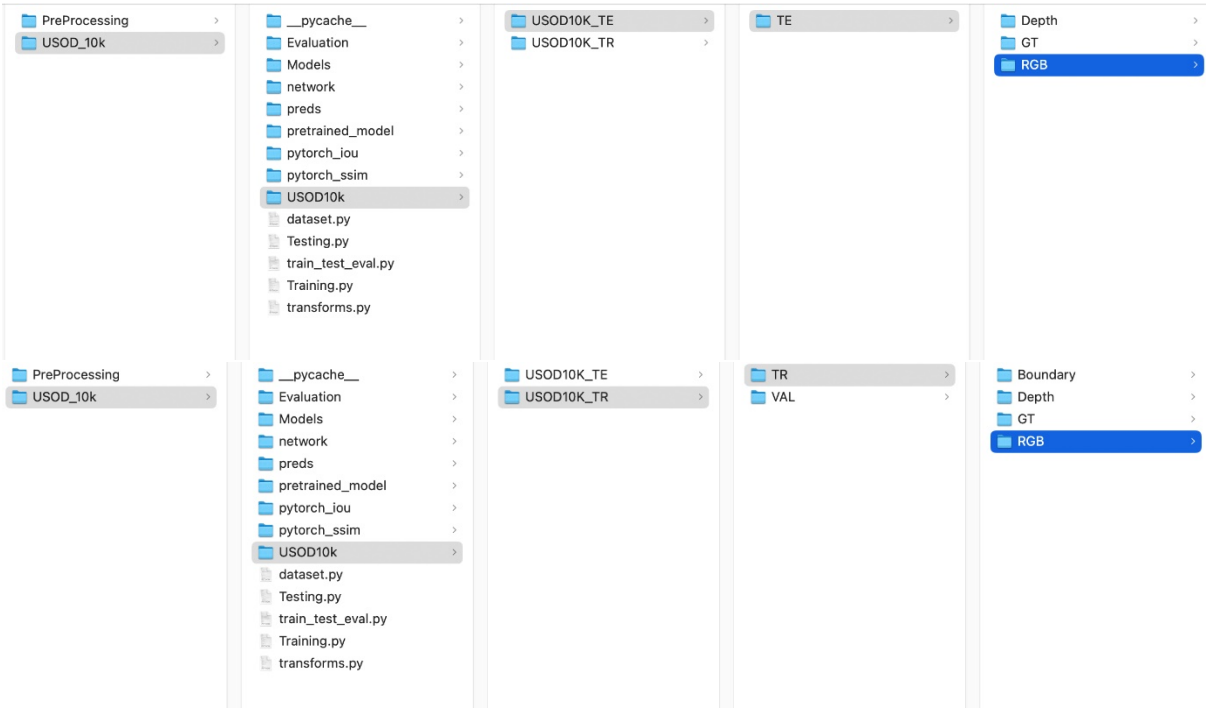
2.now change the directories of your inputs RGB images that need to be preproccesed [color fusion and enhancement]

3.now store the enhanced images in the output directory mentioned in main.m

```
% Set input and output directories
inputFolder = '/Users/praneethreddy/Downloads/USOD10k/USOD10k/USOD10K_TE/TE/RGB';
outputFolder = '/Users/praneethreddy/Downloads/Dl/output_te';
```

4. now store the outputs as required for USOD Code as shown below

5.below shown are rgb directories for test and train respectively

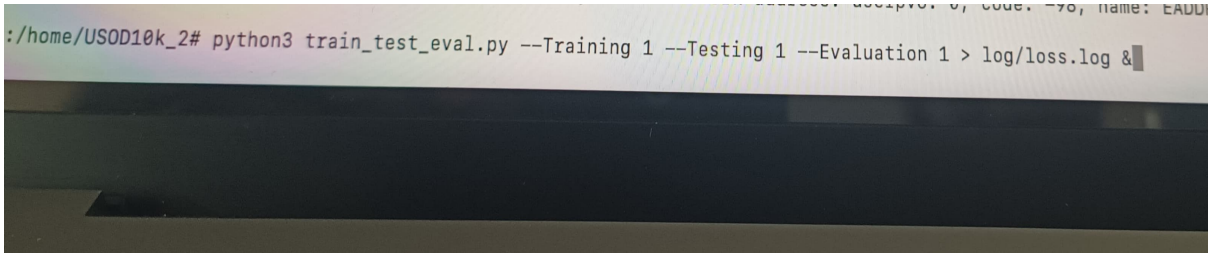



6.now go to the directory in which train _test_eval.py is there and open it change the paths where ever you stored the required pretrained model, trainset,testset ..etc

7. after setting all the directories and all the requirements for training testing evaluation at a time run the below command

python3 train_test_eval.py --Training 1 --Testing 1 --Evaluation 1 > log/loss.log &

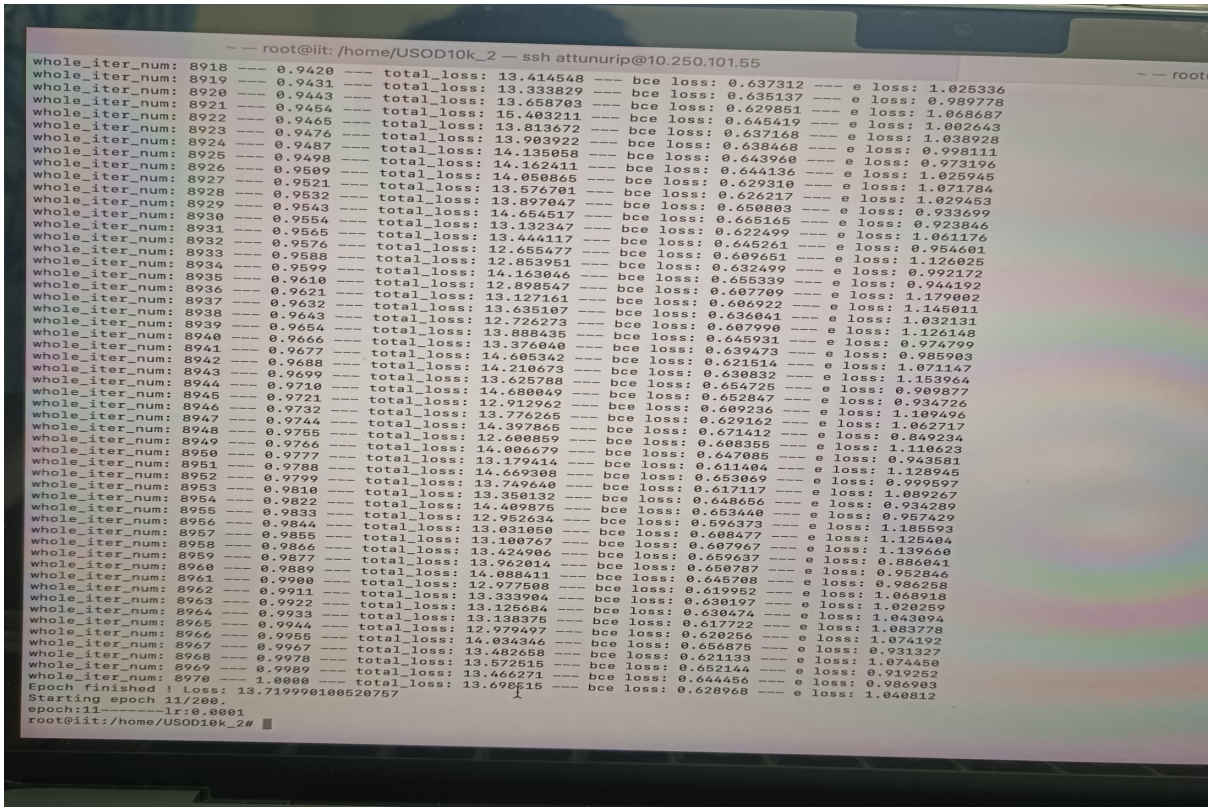
8.




9.then after you can see epochs are running like below

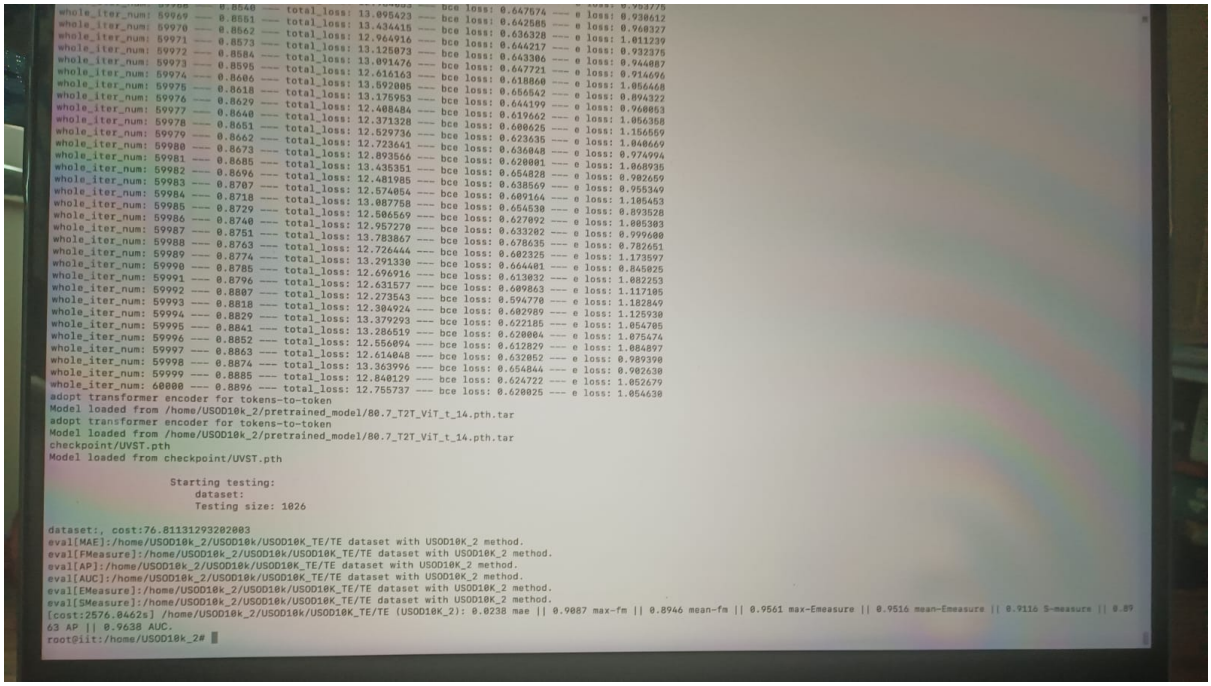
for checking last 300 lines use this command

tail -f -n 5 log/loss.log

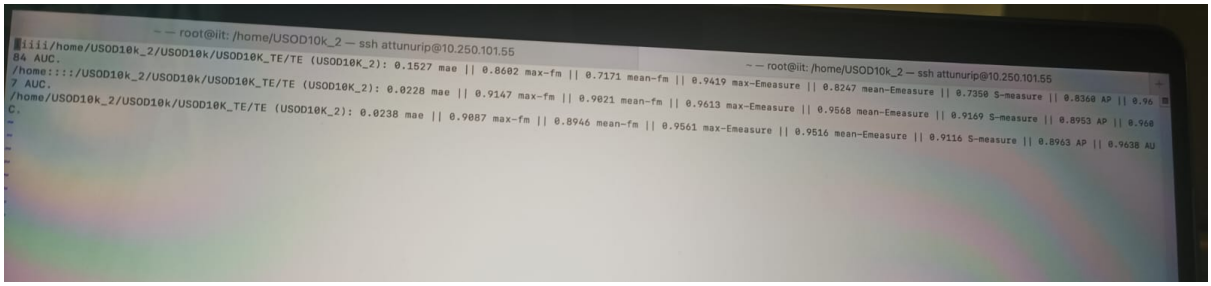



10. after 200 epochs u can see testing procedure has started that can be seen below

11.after  60000 Whole iternumber check point will be saved as UVST.pth




12.now evaluation metrics can be seen as result.txt now attaching the below results for our model




13.now in the zip 30_dl_code iam keeping preproccesing and USOD_10k code preproccesing includes color enhancement matlabcode and USOD_10k has data sets pretrained model evaluation testing training in python files