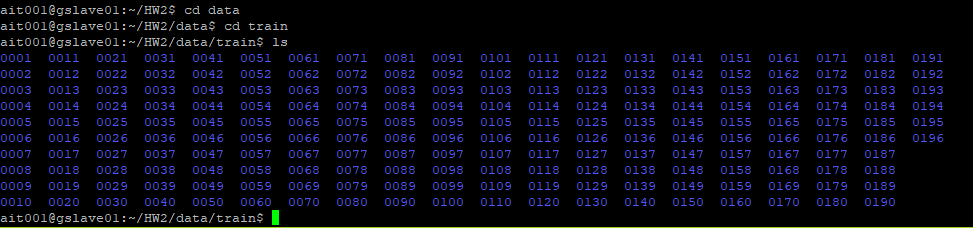
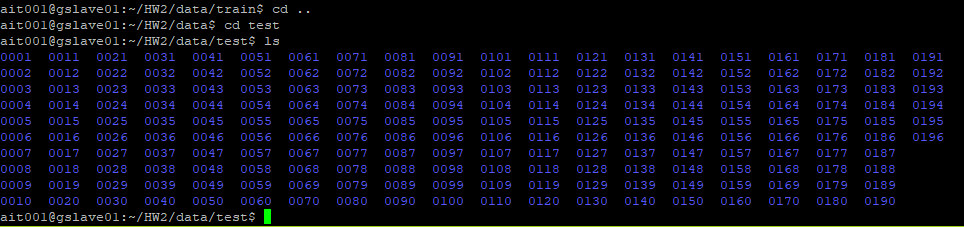
HW2 Standoford-car-classifiaction

605546001 顏榳均

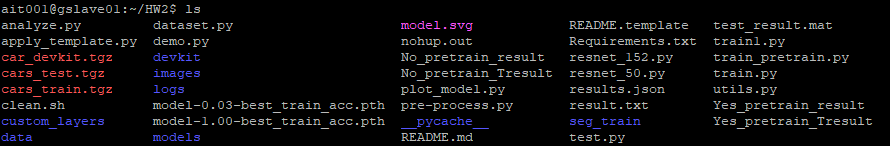
* Method description. How to run your test

Step1：執行pre-process.py 解壓縮並裁切cars\_test與cars\_train，devkit裡的cars\_test\_annos與cars\_train\_annos有圖片的class。其結果如下圖所示

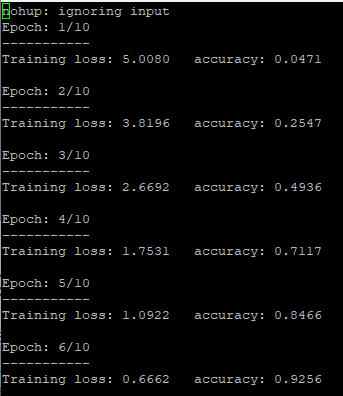


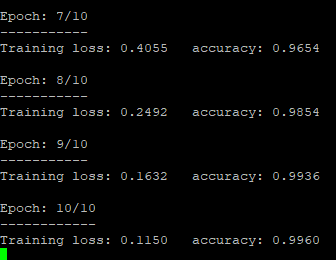


Step2：執行train\_pretrain.py分別執行resnet101(pretrain=True)與resnet101(pretrain=False)得到model-1.00-best\_train\_acc.pth(pretrain=True)與model-0.03-best\_train\_acc.pth(pretrain=False)兩個model與執行結果Yes\_pretrain\_result和No\_pretrain\_result，其執行結果如下

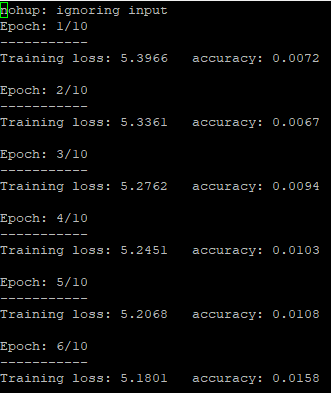


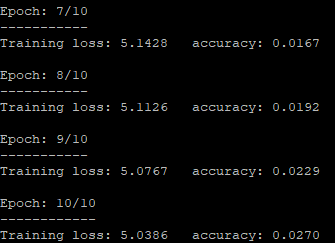
Yes\_pretrain\_result





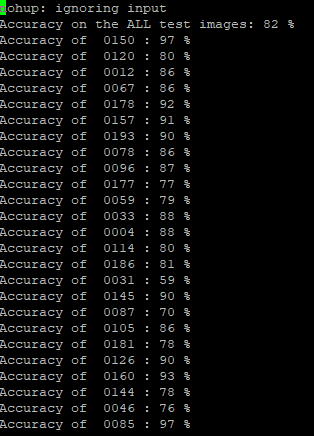
No\_pretrain\_result



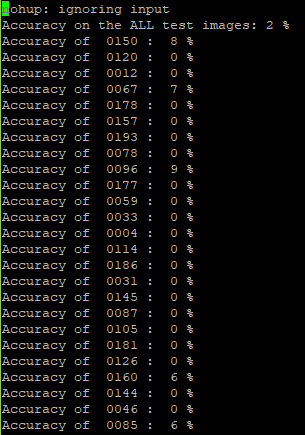


Step3：執行test.py，載入model-1.00-best\_train\_acc.pth(pretrain=True)與model-0.03-best\_train\_acc.pth(pretrain=False)兩個model進行測試，產生Yes\_pretrain\_Tresult與No\_pretrain\_Tresult檔案其結果如下所示

Yes\_pretrain\_Tresult



No\_pretrain\_Tresult



訓練結果：

有pretrain準確率99%

沒有pretrain準確率3%

測試結果：

有pretrain準確率82%

沒有pretrain準確率2%