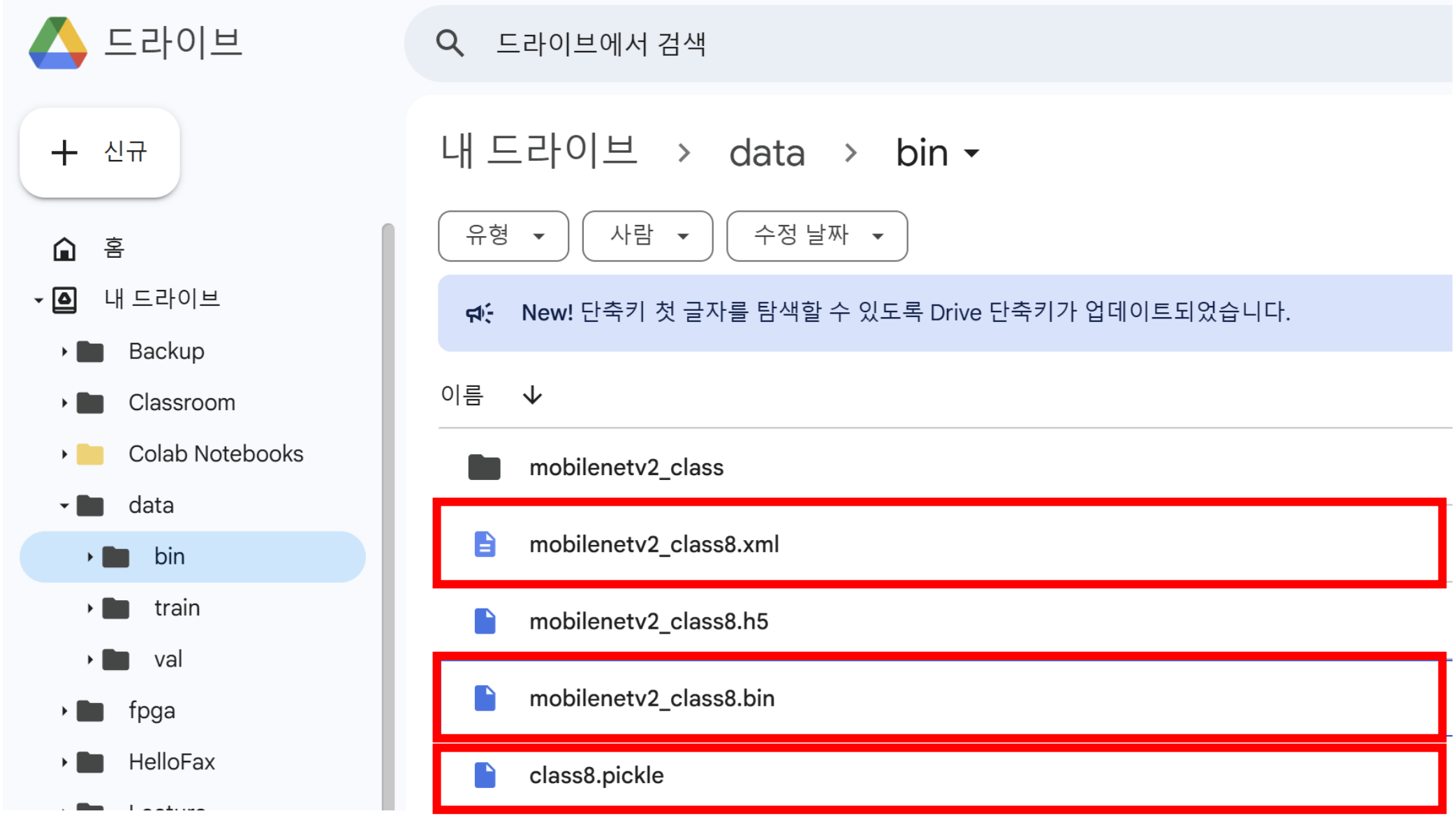
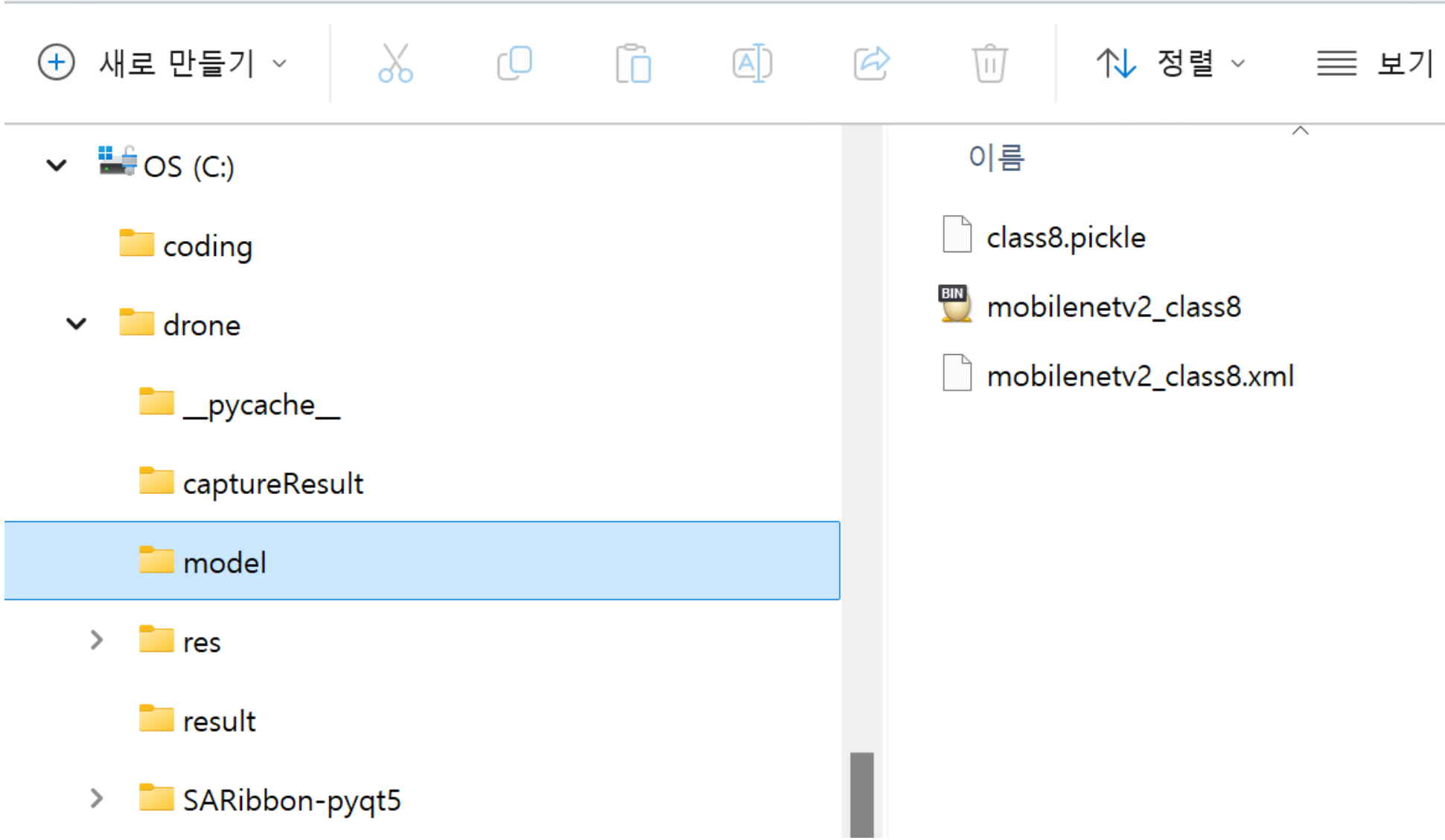
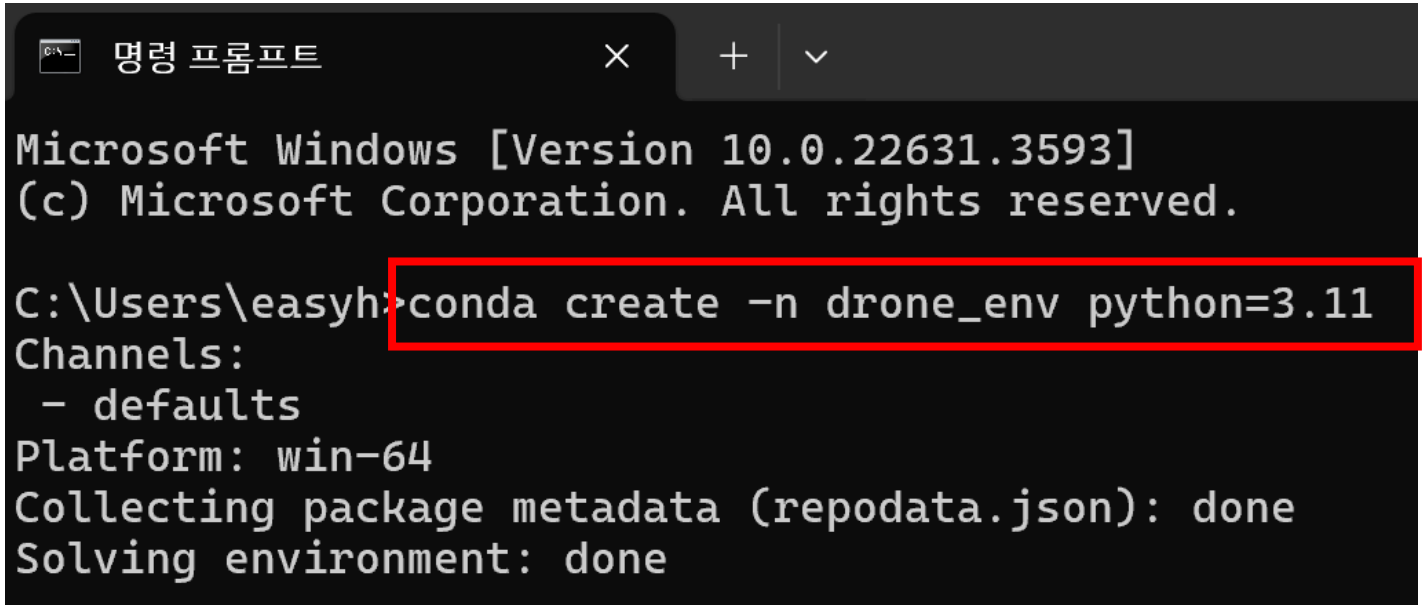
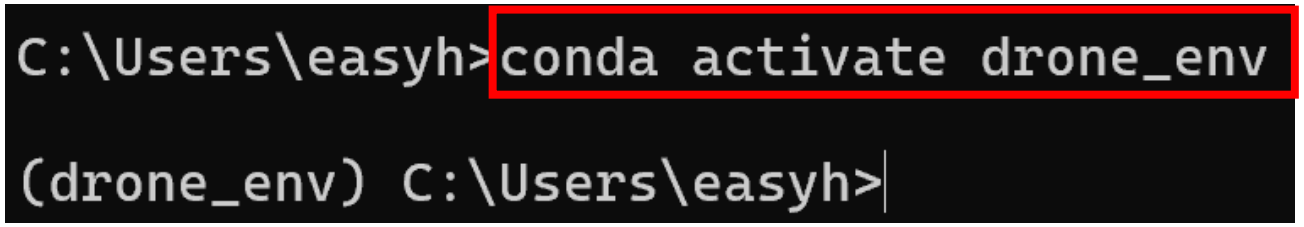
Drone Object Classification

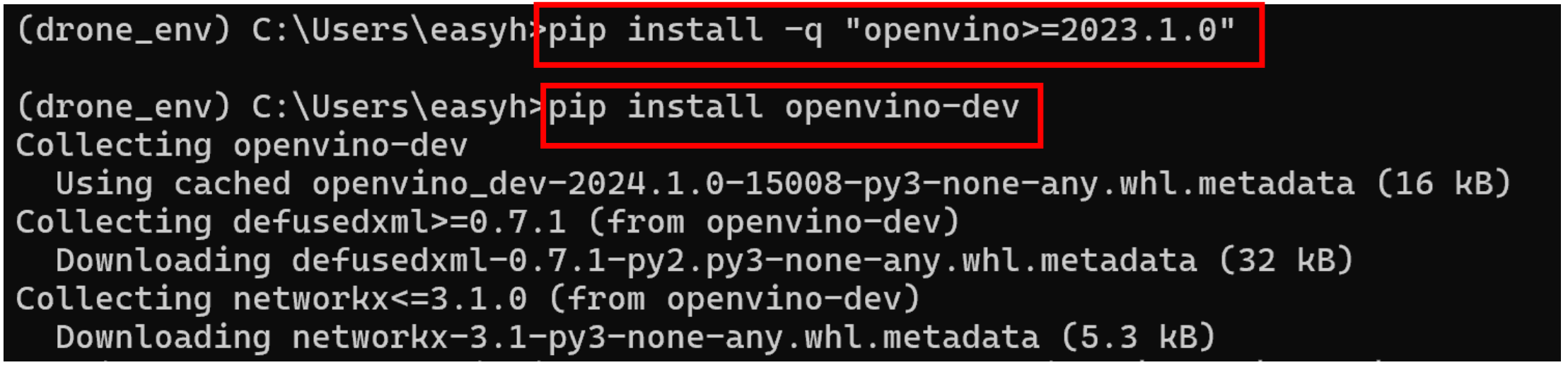
Intel, HP, G-Market, CURIOSITY PROJECT, NUMP


드라이브
드라이브에서 검색
신규
홈
내 드라이브
Backup
Classroom
Colab Notebooks
data
bin
train
val
fpga
HelloFax
내 드라이브 > data > bin
유형
사람
수정 날짜
New! 단축키 첫 글자를 탐색할 수 있도록 Drive 단축키가 업데이트되었습니다.
이름
mobilenetv2_class
mobilenetv2_class8.xml
mobilenetv2_class8.h5
mobilenetv2_class8.bin
class8.pickle

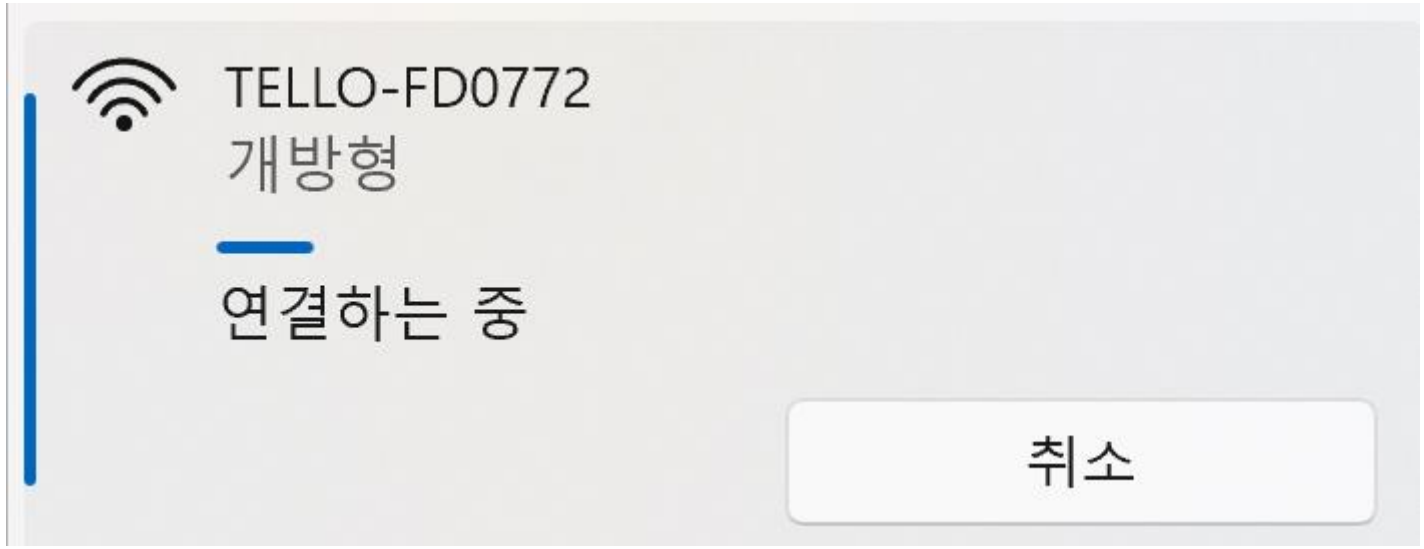

새로 만들기
정렬
보기
OS (C:)
coding
drone
__pycache__
captureResult
model
res
result
SARibbon-pyqt5
이름
class8.pickle
mobilenetv2_class8
mobilenetv2_class8.xml


명령 프롬프트
Microsoft Windows [Version 10.0.22631.3593]
(c) Microsoft Corporation. All rights reserved.
C:\Users\easyh>conda create -n drone_env python=3.11
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done


C:\Users\easyh>conda activate drone_env
(drone_env) C:\Users\easyh>


(drone_env) C:\Users\easyh>pip install -q "openvino>=2023.1.0"
(drone_env) C:\Users\easyh>pip install openvino-dev
Collecting openvino-dev
Using cached openvino_dev-2024.1.0-15008-py3-none-any.whl.metadata (16 kB)
Collecting defusedxml>=0.7.1 (from openvino-dev)
Downloading defusedxml-0.7.1-py2.py3-none-any.whl.metadata (32 kB)
Collecting networkx<=3.1.0 (from openvino-dev)
Downloading networkx-3.1-py3-none-any.whl.metadata (5.3 kB)

```
cd C:/drone

conda create –n drone_env python=3.11

conda activate drone_env

pip install -q "openvino>=2023.1.0“

pip install openvino-dev

pip install PyQt5

pip install opencv-python

pip install tello

cd SARibbon-pyqt5₩src

python setup.py install

cd ../..

python nump_hackaton.py
```


TELLO-FD0772
개방형
연결하는 중
취소

AI PC Drone Hackathon

File Control Setting

연결 이륙 착륙 상승 하강 정회전 역회전 동 서 남 북

Main Control

AI PC Drone Image Hackathon

intel hp Gmarket

CURIOSITY PROJECT

NUMP

0.00

번호	라벨	인식 이미지	인식 시간	인식율
1	aeroplane		0.00 sec.	0.00 %
2	bicycle		0.00 sec.	0.00 %
3	bird		0.00 sec.	0.00 %
4	boat		0.00 sec.	0.00 %
5	bottle		0.00 sec.	0.00 %
6	bus		0.00 sec.	0.00 %
7	car		0.00 sec.	0.00 %
8	cat		0.00 sec.	0.00 %
	전체 시간	0.00 sec.	평균 인식율	0.00 %

44 번째 줄

```
self.CLASSIFICATION_CONF = 90.0
```

118 번째 줄

```
self.txtLabels = ['aeroplane', 'bicycle', 'bird', 'boat', 'bottle', 'bus', 'car', 'cat']
```