**1. Make a python virtual environment with python=3.8.10 (first install python=3.8.10 and use its path to make a python virtual environment.)**

**2. then activate the virtual environment**

**3. run the command:**

* **pip install torch==1.13.0 torchvision==0.14.0 torchaudio==0.13.0 -f** [**https://download.pytorch.org/whl/cu118/torch\_stable.html**](https://download.pytorch.org/whl/cu118/torch_stable.html)

**4. run the following command:**

* **pip install git+https://github.com/facebookresearch/detectron2.git**

**5. run the below command:**

* **pip install -r requirements.txt**

**6. There are 2 code files in the folder:**

1. **room-detect.py for room detection.**
2. **wall-detect.py for wall segmentation**

**7. Run any of the files e.g., using commands:**

1. **python room-detect.py**

**or**

1. **python wall-detect.py**