Advice for PA2: this was created by Taeyoung Kim at Sep., 2016.

- Extract CNN Feature using TensorFlow

1. Prepare Linux environment; ex) Ubuntu 14.04, Virtual machine is also okay

* <http://www.vmware.com/products/player/playerpro-evaluation.html> (VM Player)
* <http://www.ubuntu.com/download> (Ubuntu, I recommend 14.04 version)

2. Install TensorFlow

* <https://www.tensorflow.org/versions/r0.10/get_started/os_setup.html> (DL and Setup)
* Ex) Ubuntu/Linux 64-bit
* Sudo apt-get update
* Sudo apt-get install python-pip python-dev python-scipy python-matplotlib
* Following web-pages install

3. Get pre-trained VGG16 tensorflow model

* <http://www.cs.toronto.edu/~frossard/post/vgg16/vgg16_weights.npz>   
  (Or download class homepage)
* Modify vgg16\_example.py in PA2 for extracting your own dataset
* Ex) python vgg16\_example.py