1. Environment Startup

```
+-----------------------------------------------------------------------------+
| NVIDIA-SMI 450.36.06    Driver Version: 450.36.06    CUDA Version: 11.0      |
|-------------------------------+----------------------+----------------------+
| GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
|                               |                      |               MIG M. |
|===============================+======================+======================|
|   0  GeForce GTX 1060    Off  | 00000000:01:00.0 Off |                  N/A |
| N/A   61C    P2    26W /  N/A |   1010MiB /  6078MiB |     18%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+

+-----------------------------------------------------------------------------+
| Processes:                                                                  |
|  GPU   GI   CI        PID   Type   Process name                  GPU Memory |
|        ID   ID                                                   Usage      |
|=============================================================================|
|    0   N/A  N/A      1077      G   /usr/lib/xorg/Xorg                274MiB |
|    0   N/A  N/A      2044      G   compiz                             42MiB |
|    0   N/A  N/A      2450      G   ...token=1292852213007750651      208MiB |
|    0   N/A  N/A      6489      C   python                            479MiB |
+-----------------------------------------------------------------------------+
```

```
Python 3.7.6 | packaged by conda-forge | (default, Jun  1 2020, 18:57:50)
[GCC 7.5.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import torch
>>> torch.cuda.is_available()
True
```

2. Face alignment

Labeled faces in data/labeled/

Unlabelled faces in data/unlabelled/