

Requirements

PartD was done in partD-ipy nb files to get 1200 images

```
!git clone https://github.com/sthanhng/yoloface
```

```
!git clone https://github.com/timesler/facenet-pytorch.git facenet_pytorch
```

Have used below pretrained models and modified accordingly

Pre-trained YOLOFace model:

<https://drive.google.com/file/d/1xYasjU52whXMLT5MtF7RCPQkV66993oR/view>

Pre-trained FaceNet model:

<https://drive.google.com/file/d/1EXPBSXwTaqrSC0OhUdXNmKSh9qJUQ55-/view>

After cloning Have to modify or replace the below .py files

Utils.py

Yoloface.py

Yolo.py

Download predefined weights and cfg files and place in the respective folder:

```
! bash +x yoloface/model-weights/get_models.sh
```

Use the above command to extract weights and cfg's

To execute the whole Assignment use Main.ipynb

