DL – Lab 3

1. Upload Face_Recognition_for_the_Happy_House_v2.ipynb to Google colab.
2. Upload the fr_utils.py and inception_blocks_v2.py files to the root (content) directory of the VM.
3. Create a folder called 'images' in the root (content) directory in the VM and upload the images in the images directory to the images directory in the VM.
4. Download the weights.zip file from this google drive link and upload the weights.zip file to the VM root (contents) directory.
    - Link: https://drive.google.com/drive/folders/1IExxks0GFQCCj6z8Wh0lWxW7NRndclZS?usp=sharing
5. Run the Jupyter notebook.
6. Upload an image of yourself *or* another individual to the images directory and encode and add it to the database mentioned in the notebook.
7. Instead of the image of Younes, use another image of the same individual you chose in step 6 to do *both* face verification and face recognition.
    - Make sure these new images have the required height and width. Use tensorflow.image.resize() method if needed.
8. Add the two new images and screenshots of outputs from *both* face verification and face recognition of step 7 to a word file.
    - Specifically, ensure the screenshot of 'output[2]' from the face recognition task is included.
    - Note: 'output[2]' is a dictionary containing the L2 distance between the target image encoding and the database embeddings of other images.

Submssion:

Upload the modified notebook, two new images and the word file to courseweb submission link as a zip file. The zip file name should be your registration number.