VIDEO PROCESSING APPLICATION

Install following libraries

Install pillow

Install tkinter as tk

Install cv2

Install tkinter

Install pytesseract

Install the above libraries before running the code.

This GUI can do the following

1. Gray_scale video
2. BGR_video
3. Optical Character Recognition(OCR)
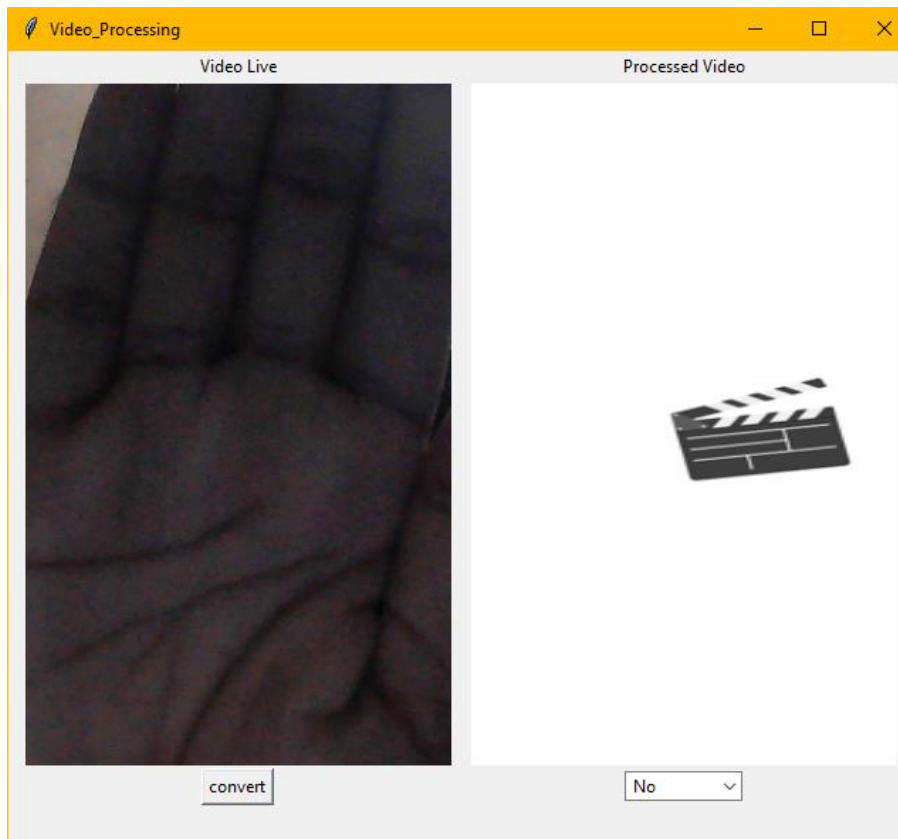4. Face detection

For optical character recognition, you have to install the tesseract-OCR engine in a specific folder.

You can install the OCR engine wherever you want but you have to specify the location in which tesseract.exe file is located.

This app works on integrated web cam only.To use the external camera in your pc, change the videocapture argument in code from 0 to 1 or 2

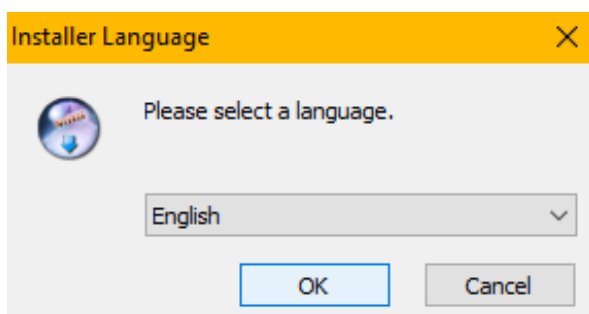This app is tested for the windows 10 only. I'll improve those in future.

Here you can't save the video but you can see the live video only for understanding how it works.
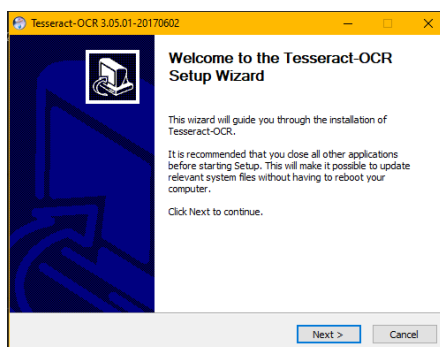
Tesseract link:

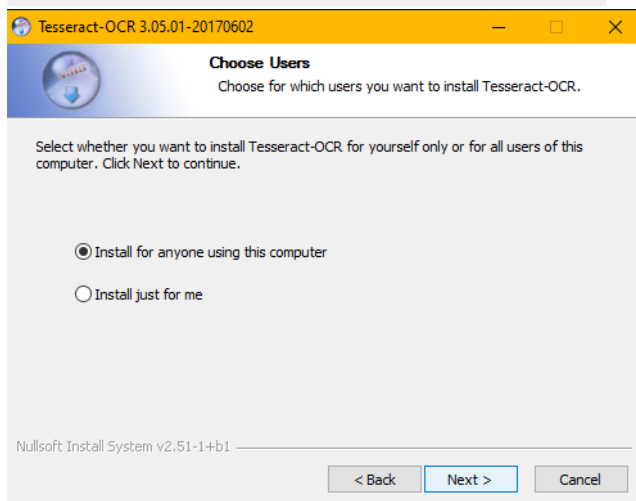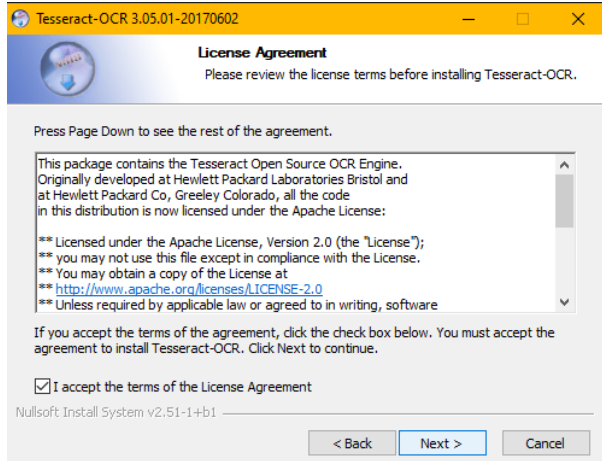https://digi.bib.uni-mannheim.de/tesseract/tesseract-ocr-setup-3.05.01.exe
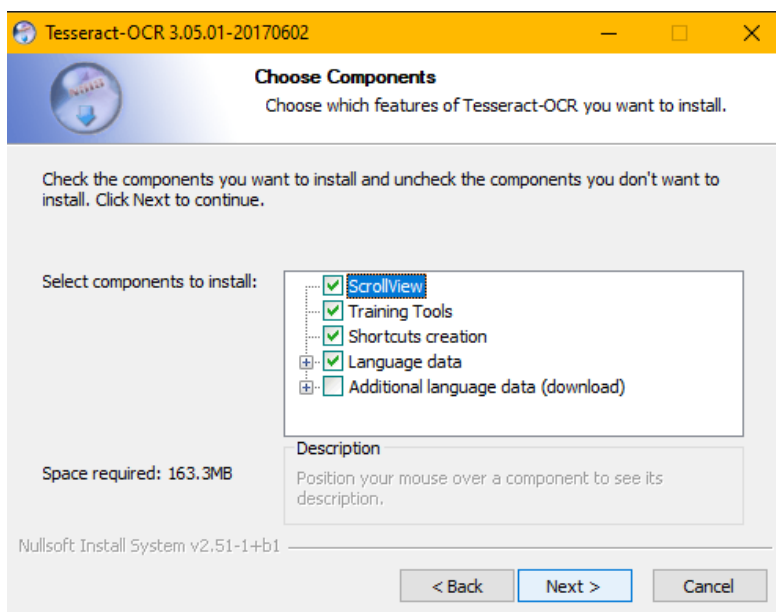
TESSERACT-OCR INSTALLATION
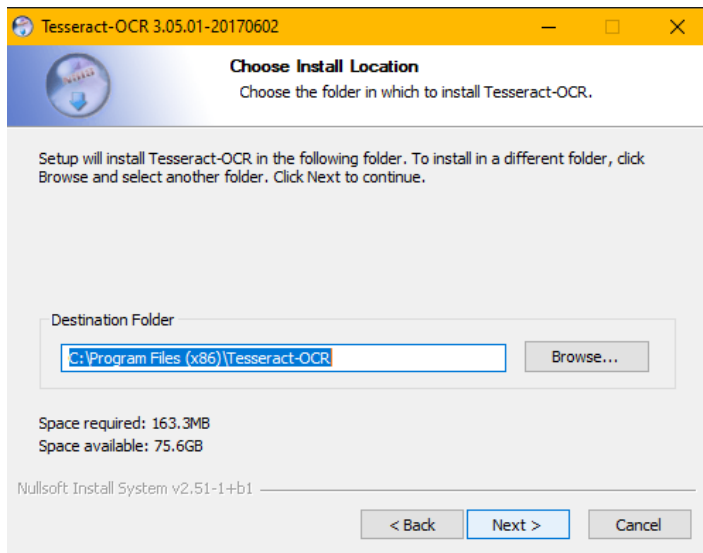

CLICK NEXT

ACCEPT THE TERMS OF LICENSE AGREEMENT AND CLICK NEXT

CLICK NEXT

INSTALL IN THIS LOCATION ONLY

CLICK INSTALL