Text recognition with tesseract and OpenCV

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Group: Runtime Terrors

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# Prerequisites

* Python
  + Numpy: pip install numpy
  + Pytesseract (tesseract for python): pip install pytesseract
  + Cv2(OpenCv for python): pip install cv2
  + Installation if pip is not added to your environment variable

Graphical user interface, text, application

Description automatically generated

* Download Tesseract
* Link : <https://github.com/UB-Mannheim/tesseract/wiki>
  + Choose the correct setup for your pc

# Instruction

1. Put the path of the file containing the code   
   It should look like this  
   Graphical user interface, text, application

   Description automatically generated
2. Locate the file you downloaded tesseract and fine the tesseract executable (tesseract.exe)
3. Then type this code in the terminal you just opened   
     
   python Main.py -t '<full\_path\_to\_your\_tesseract\_executable>' -s 0  
     
   It should look like this:   
   python Main.py -t 'C:\Program Files\Tesseract-OCR\tesseract.exe' -s 0
4. Then put any text within the parameters of the blue rectangle and in the bottom left corner the text its currently reading will appear
5. To exit the program press ‘q’ to take a picture of the camera press ‘c’