

## Projet2 :Intégration d'un module OCR

Création d'une application simple qui nous permet de convertir une image en texte, en utilisant le langage de programmation Python.

Voici l'image :

# What Is Optical Character Recognition?

**Optical character recognition**, or **OCR** for short, is used to describe algorithms and techniques (both electronic and mechanical) to **convert *images of text to machine-encoded text***. We typically think of OCR in terms of *software*. Namely, these are systems that:

- i. Accept an input image (scanned, photographed, or computer-generated)
- ii. Automatically detect the text and "read" it as a human would
- iii. Convert the text to a machine-readable format so that it can be searched, indexed, and processed within the scope of a larger computer vision system

Le programme :

```
C:\pythonlearning\test_pyesseract.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

test_pyesseract.py
1 from PIL import Image
2 import pytesseract
3 pytesseract.pytesseract.tesseract_cmd = r'C:\Users\barai\AppData\Local\Programs\Tesseract-OCR\tesseract.exe'
4 text_from_image = pytesseract.image_to_string(Image.open('test_image2.png'))
5 print(text_from_image)
```

L'exécution :

```
MINGW64:/c/pythonlearning

barai@DESKTOP-IL9TDJU MINGW64 /c/pythonlearning
$ cd /c/pythonlearning

barai@DESKTOP-IL9TDJU MINGW64 /c/pythonlearning
$ python test_pyesseract.py
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