**Optical Character Recognition**

So, basically, OCR refers to optical character recognition.

It has a number of applications

* Our mobile or laptop camera can detect words and provide similar results from the web. This technology is using OCR.
* We can detect numbers and words from our credit cards.

So, while working on optical character recognition I worked on two environments google collab and Pycharm.

We are using the Tesseract engine which works for OCR.

For both the environment we need to set up different setup

1. For google collab, we need to install Pytesseract as

!Pip install pytesseract

1. And for pycharm the most important for adding other modules in pycharm we need to go to files and then click on a new project set up and then click on the first one then we have to select Python interpreter and look at what package is already installed and what not and then if the package is not there we need to add the package.