





## P2 - PYTHON & VIDEO

1 - Create a python script able to parse the 'ffmpeg -i BBB.mp4' file, which can mark at least 3 relevant data from the container.


```
MacBook-MacBook-Pro-de-Xavier:Lab2 xaviercelades$ python Lab2_ex1.py
1280x720
h264
602
```

2 - Create a python script able to rename the 5 quality outputs of the BBB that you did in last seminar.

 160x120_res.mp4	17 nov 2020, 20:27
 360x240_res.mp4	17 nov 2020, 19:23
 480_res.mp4	17 nov 2020, 19:23
 720p_res.mp4	17 nov 2020, 19:23

3 - Create a python script able to resize (resolution change) of any input given.

```

 newvideo.mp4          avui, 16:30

MacBook-MacBook-Pro-de-Xavier:Lab2 xaviercelades$ python Lab2_ex3.py
ResX: 720
ResY: 480
ffmpeg version N-99865-ga125e08 Copyright (c) 2000-2020 the FFmpeg developers
  built with Apple LLVM version 10.0.1 (clang-1001.0.46.4)
  configuration: --prefix=/usr/local --enable-gpl --enable-nonfree --enable-liba
ss --enable-libfdk-aac --enable-libfreetype --enable-libmp3lame --enable-libtheo
ra --enable-libvorbis --enable-libvpx --enable-libx264 --enable-libx265 --enable
-libopus --enable-libxvid --enable-ffplay --samples=fate-suite/

Input #0, mov,mp4,m4a,3gp,3g2,mj2, from 'bbb_cut.mp4':
Output #0, mp4, to 'newvideo.mp4':
```

4 - Create a python script able to transcode the input into an output with another codec that we've seen in the Theory class

```
 transcoded_bbb.mov          25 nov 2020, 17:55
```