

# P3 – More Python & Video



**Please try to solve these exercises and deliver them. Some important tips:**

- **Use PYTHON only**
- **Be creative! Feel free to type code as you want**
- **Don't forget to comment your code to make it understandable**
- **PEP8! Don't forget it!**  
<https://www.python.org/dev/peps/pep-0008/>

- **It's recommended to work with Atom or PyCharm**
- **You can INTERPRET as you want the following exercises**
- **It's ALLOWED to COPY from the internet if the script works. Not allowed to copy from mates**

## **1) You're going to create a new BBB container:**

- Cut BBB into 1 minute only video.**
- Export BBB(1min) audio as a mono track.**
- Export BBB(1min) audio in lower bitrate**
- Get subtitles of BBB through the internet and cut only the first minute (sorry, I think this needs to be done manually)**

**Now package everything in a .mp4 with FFMPEG!!**

**2) Create a python script able to automatize the creation of MP4 containers. It can be like the previous one, more or less complex... be creative!**

**3) Create a script which reads the tracks from an MP4 container, and it's able to say:**

- Which broadcasting standard would fit**
- ERROR in case it doesn't fit any**
- Any more “pijada” you could think (be creative!)**

**4) Create a testing script, which will generate containers to launch against exercise '3'. You can reuse anything from previous lessons**



## 5) Integrate everything inside a class

# Thanks

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