7.1. Motivation: Analyze the Co-Facilitator Video Project

1. **Python IDLE.** Open IDLE and navigate the directory to **Session7/Projects-Level-1-2018.** Then select a folder from a school and a project to run.

Run and discuss different projects. How do they relate to real-life?

Note: You will not understand parts of the code (e.g., copy()). These parts will be explained later.

2. **Analyze:** Let the co-facilitator discuss their project.

Go through the code and **discuss**:
Is it easy to understand the code?
Why is it important to add comments to the code?

3. **Replay:** Find the function vid_show() and discuss how frame_list and fps are used:

What are frames?
What is frame_list?
What does fps (frames per second) represent?
What are the objects that move around in the video?

4. **Discuss the following:**
The recommended structure is:
> *Import libraries*
> *Define colors*
> *Define frames*
> *Define the list of frames*
> *Play the video*

Can you find the project code that implements these steps? Take turns answering the questions.

AOLME PROJECT - LEVEL 1- SESSION 7- 2019