

#Requirements:

Python3 , NumPy , OpenCV installed on your system.

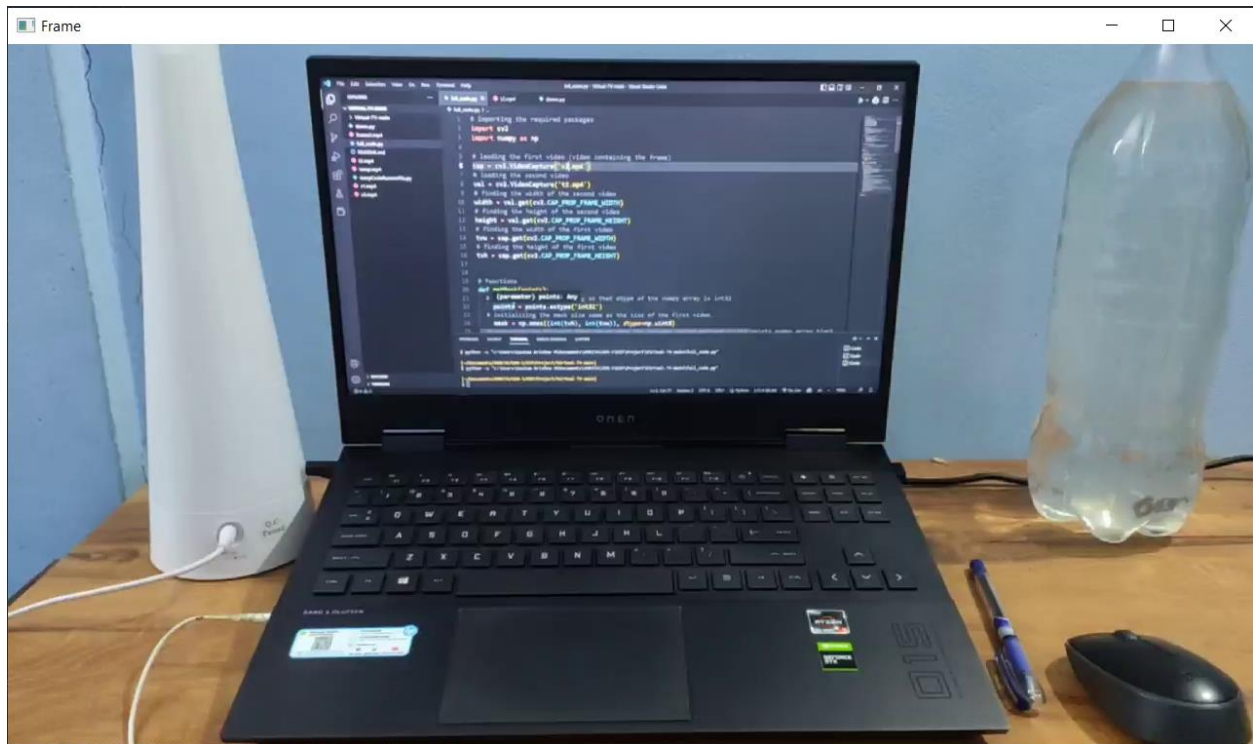
How to Run the Code :

- STEP 1:
Make sure the desired videos which are given as input are changed in the source code.
(In the variables video_tv (video which has the frame) and
tv_program (video which should be played in the frame)).
- STEP 2:
Now run the code, now you will be presented with a frame from the first video (video_tv), now define the four corners (physical corners are easily tracked) of the frame in the clockwise manner.
- STEP 3:
Once the four corners of the frame is selected using the left click of the mouse, press right click.
- STEP 4:
Now you should be able to see the output video playing on the screen.

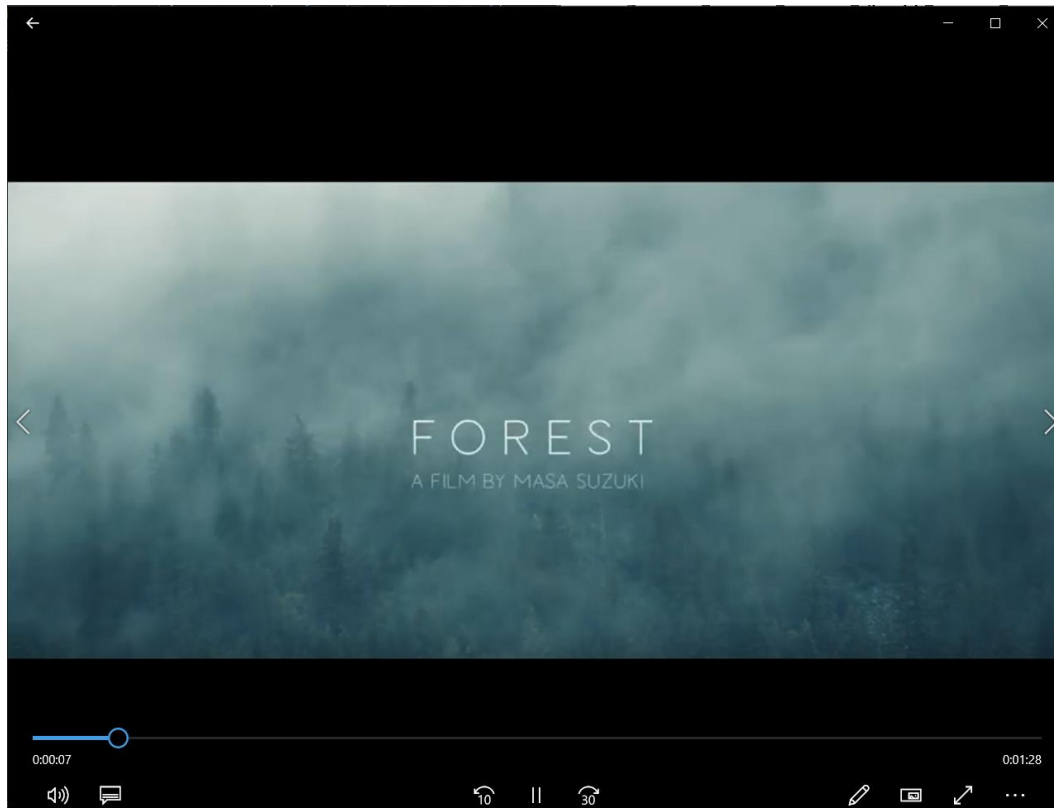
Example

INPUT :

- Video1 (containing the frame[video_tv]):



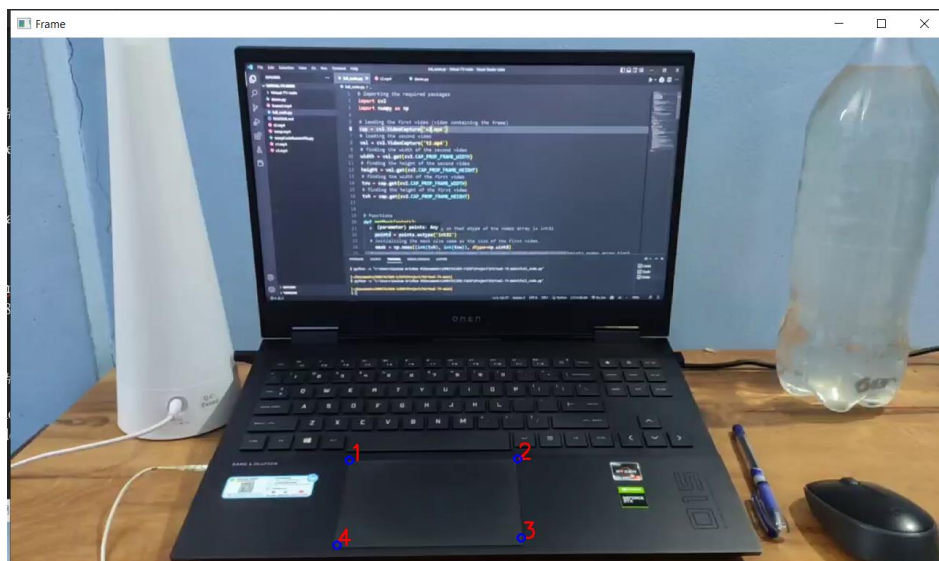
- Video2 (video that should be played on the frame defined on Video1)[tv_program]:



User Marked corners:

User will be asked to mark the corners in the video1 once the code is executed

- Image after the user has defined the corners in the first frame of video1:



OUTPUT:

Once the frame is defined in the video1, we can see that the video2 starts playing in the frame defined by the user in video1

