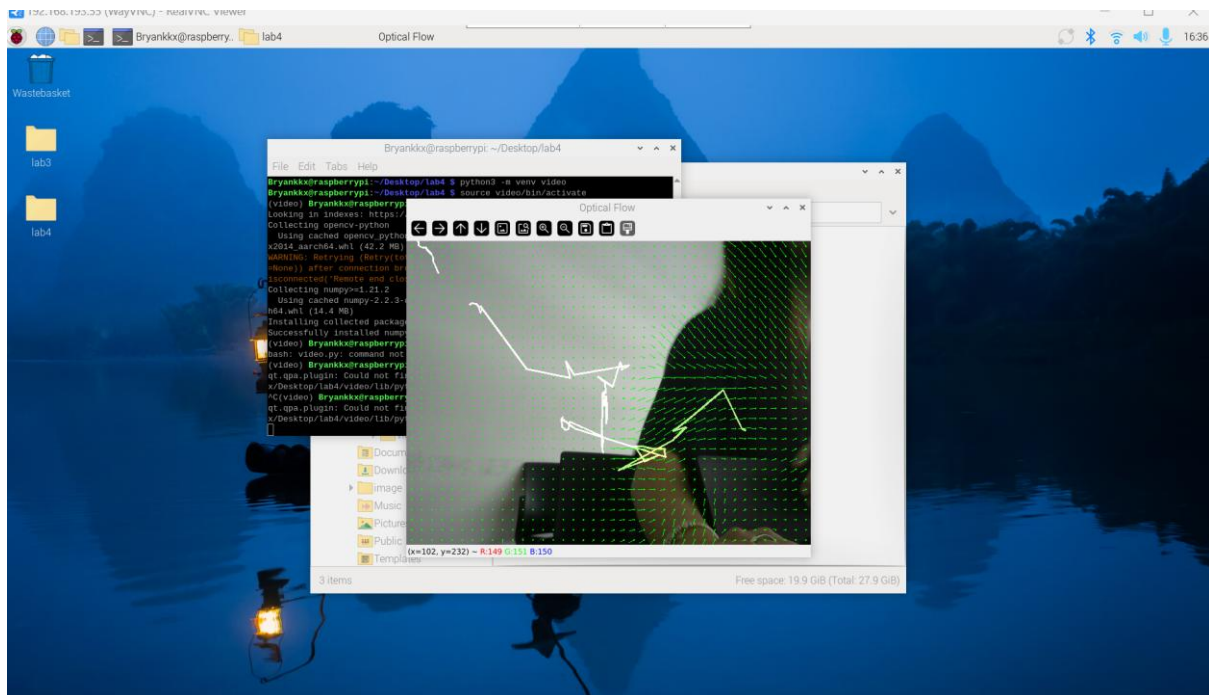
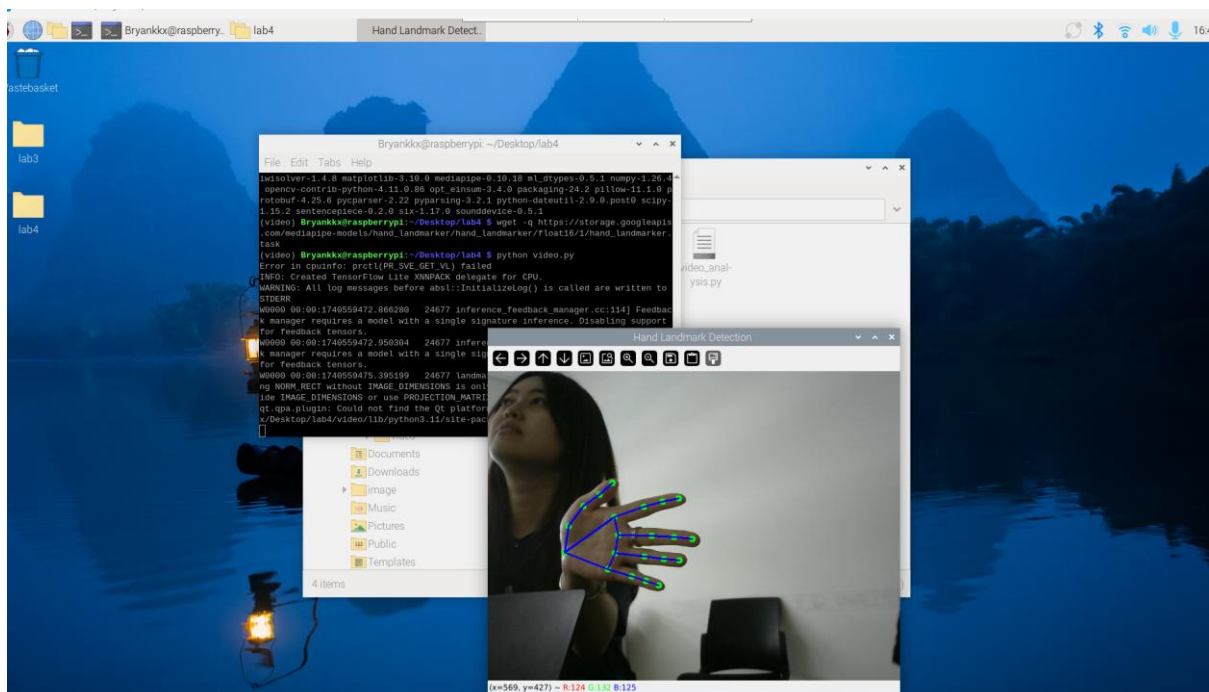


#### 4. Introduction to real-time video processing on raspberry pi (20 minutes)

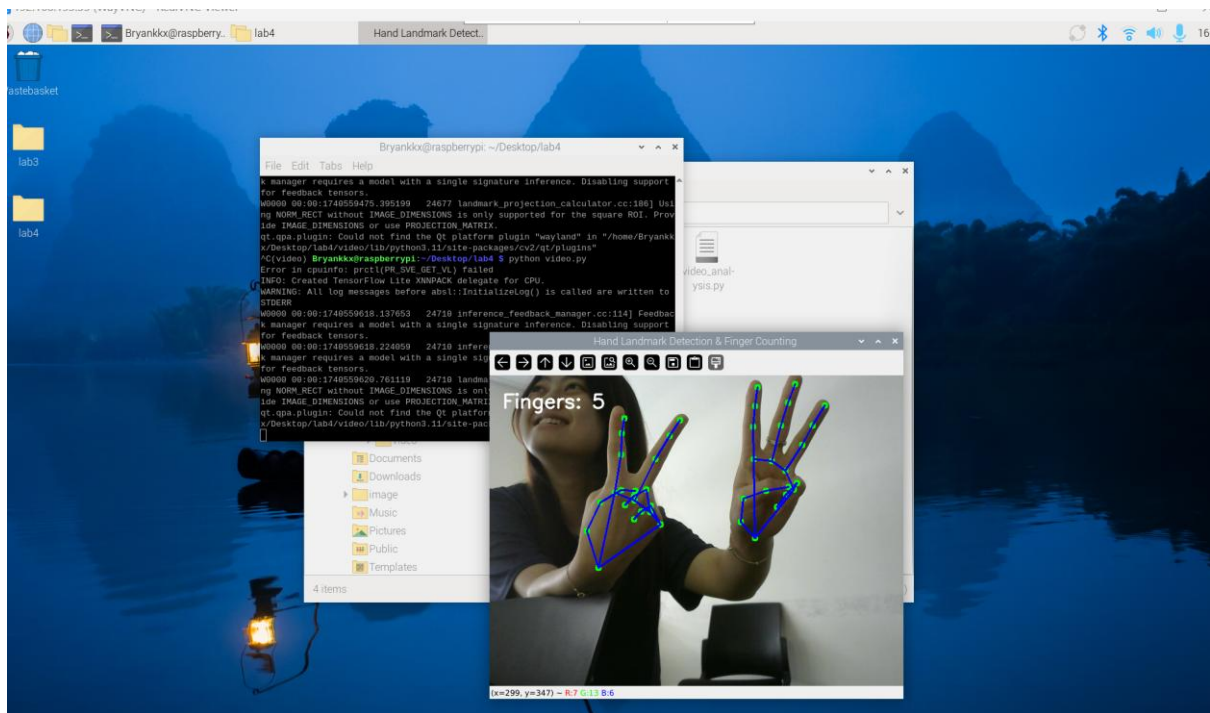


#### 5. Advanced Video Analytics (40 minutes)

Modify the code to show all the 21 finger points and observe the same while moving the hand.

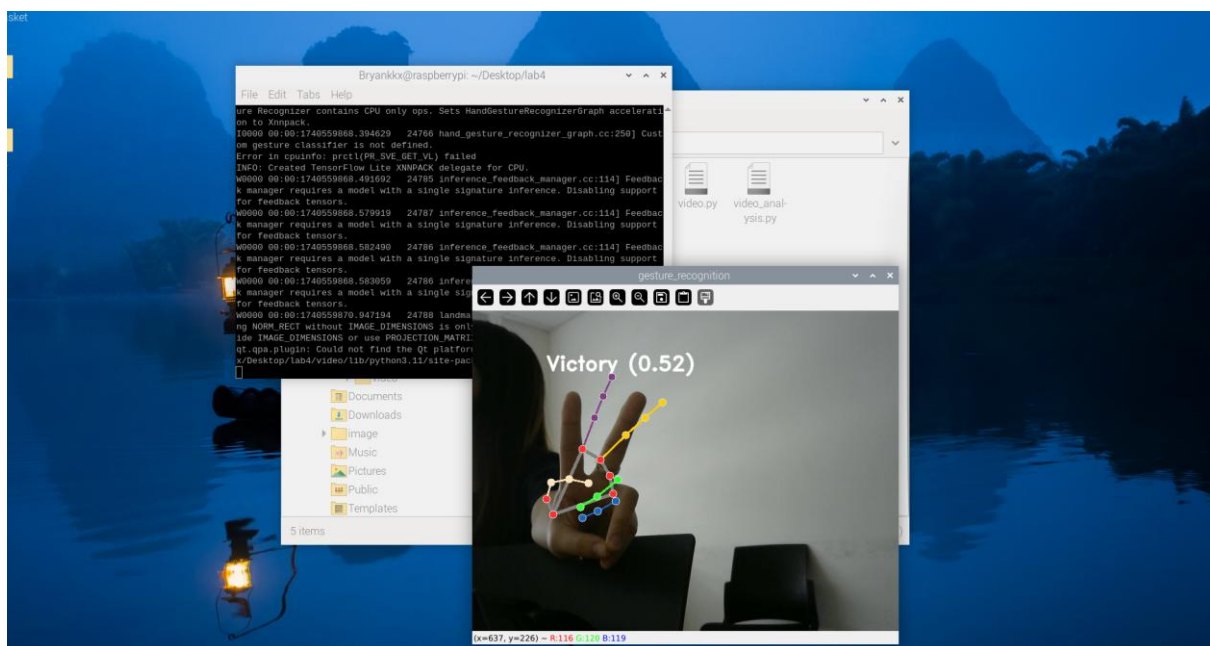


Modify the code to predict the number of fingers and display the same overlaid on the image as text (e.g. if four fingers are raised, display '4' on the screen and if three fingers on one hand and two on the other, the display should be '5').

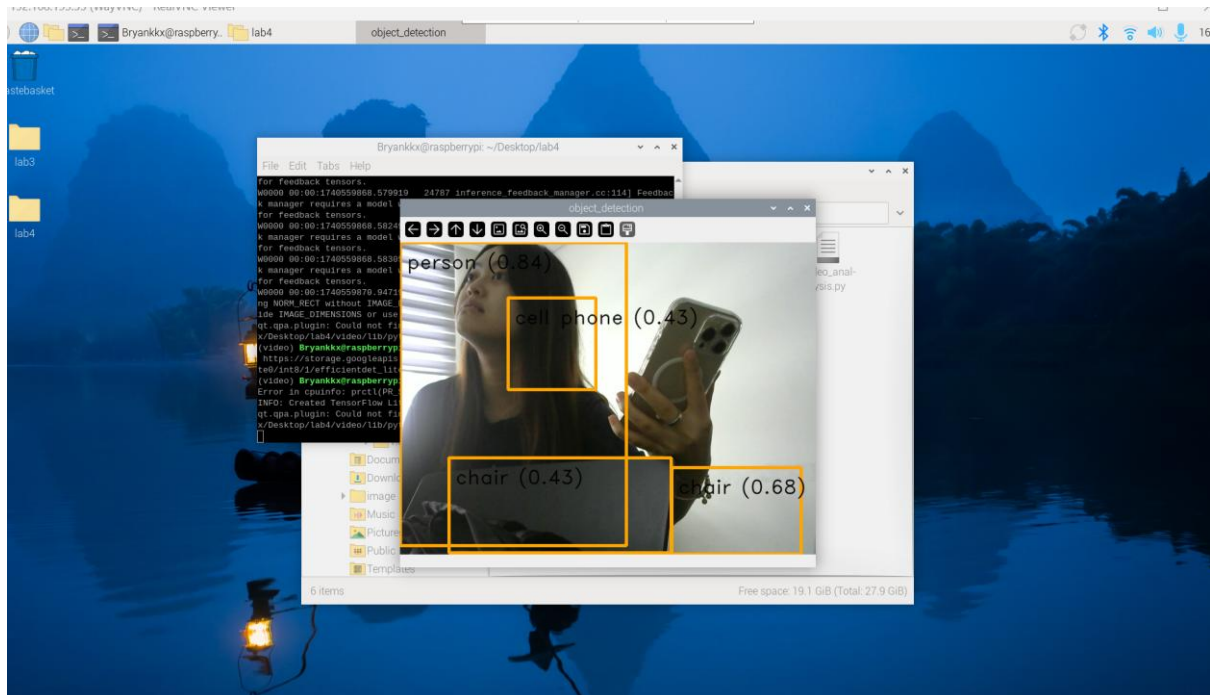


## 6. Advanced Video Analytics (20 minutes)

real-time hand gesture recognition task. A sample snapshot of the code result for victory sign is shown below:



The sample code shows a real-time object detection task.



Based on the above code, write a code to do object detection based video summarization (e.g. for a video with only frames having a cellphone)

