So first we import all the library that we need In project so first we import open cv so talking about open cv so **OpenCV** is a cross-platform library using which we can develop real-time computer vision applications. It mainly focuses on image processing, video capture and analysis including features like face detection and object detection. And we also used another library in our program that is numpy. so talking about numpy so NumPy is the fundamental package for scientific computing in Python. It is a Python library that provides a multidimensional array object, various derived objects (such as masked arrays and matrices), and an assortment of routines for fast operations on arrays. Then coming to the program first we reading input that is one video. Then we created one while loop and in that loop, we created one frame so while loop run each frame and then we initialize subtractor like in our project we use cv2.bgsegm.createBackgraoundSubtractor algorithm it is used to detect only vehicle it will subtract background of vehicle then we converting each frame bgr to gray and applying algorithm then we get output in binarize format. Then in frame we created one line we can called it vehicle count validation line. Then we created rectangular on vehicle and applying some condition for to draw rectangular on vehicle. Then we created one small circle on rectangular then we are counting circles when they reach counting line and we created one list so if vehicle detect then we are appending data into list and then we are printing data on output screen and we called imshow function for to show output of the project. So this is workflow of programe.