**--Lab-6--Implement Video Operation Play a video using OpenCV—**

**import cv2**

**import numpy as np**

**# Create a VideoCapture object and read from input file**

**# If the input is the camera, pass 0 instead of the video file name**

**cap = cv2.VideoCapture('Guru.mp4')**

**# Check if camera opened successfully**

**if (cap.isOpened()== False):**

**print("Error opening video stream or file")**

**# Read until video is completed**

**while(cap.isOpened()):**

**# Capture frame-by-frame**

**ret, frame = cap.read()**

**if ret == True:**

**# Display the resulting frame**

**cv2.imshow('Frame',frame)**

**# Press Q on keyboard to exit**

**if cv2.waitKey(25) & 0xFF == ord('q'):**

**break**

**# Break the loop**

**else:**

**break**

**# When everything done, release the video capture object**

**cap.release()**

**# Closes all the frames**

**cv2.destroyAllWindows()**