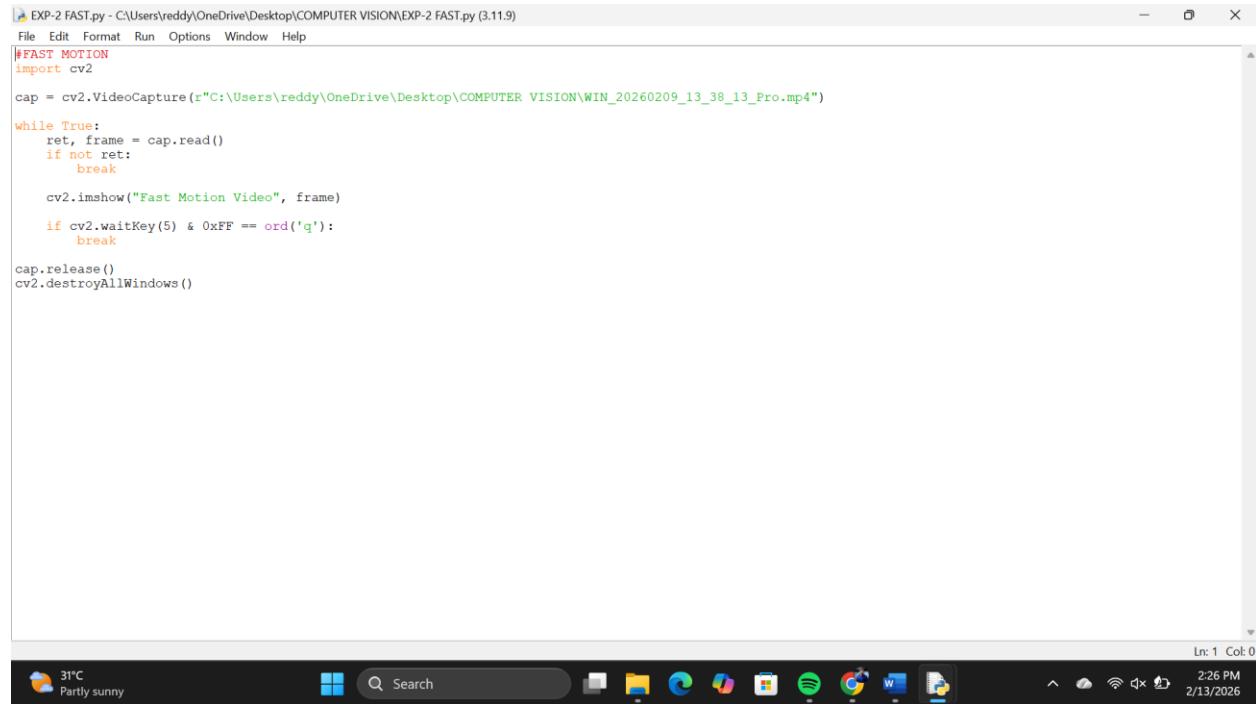


2. Perform basic video processing operations on the captured video

- Read captured video in python and display the video, in slow motion and in fast motion.

PROGRAM:

FAST MOTION



The screenshot shows a code editor window titled "EXP-2 FAST.py - C:\Users\reddy\OneDrive\Desktop\COMPUTER VISION\EXP-2 FAST.py (3.11.9)". The code is as follows:

```
#FAST MOTION
import cv2

cap = cv2.VideoCapture(r"C:\Users\reddy\OneDrive\Desktop\COMPUTER VISION\WIN_20260209_13_38_13_Pro.mp4")

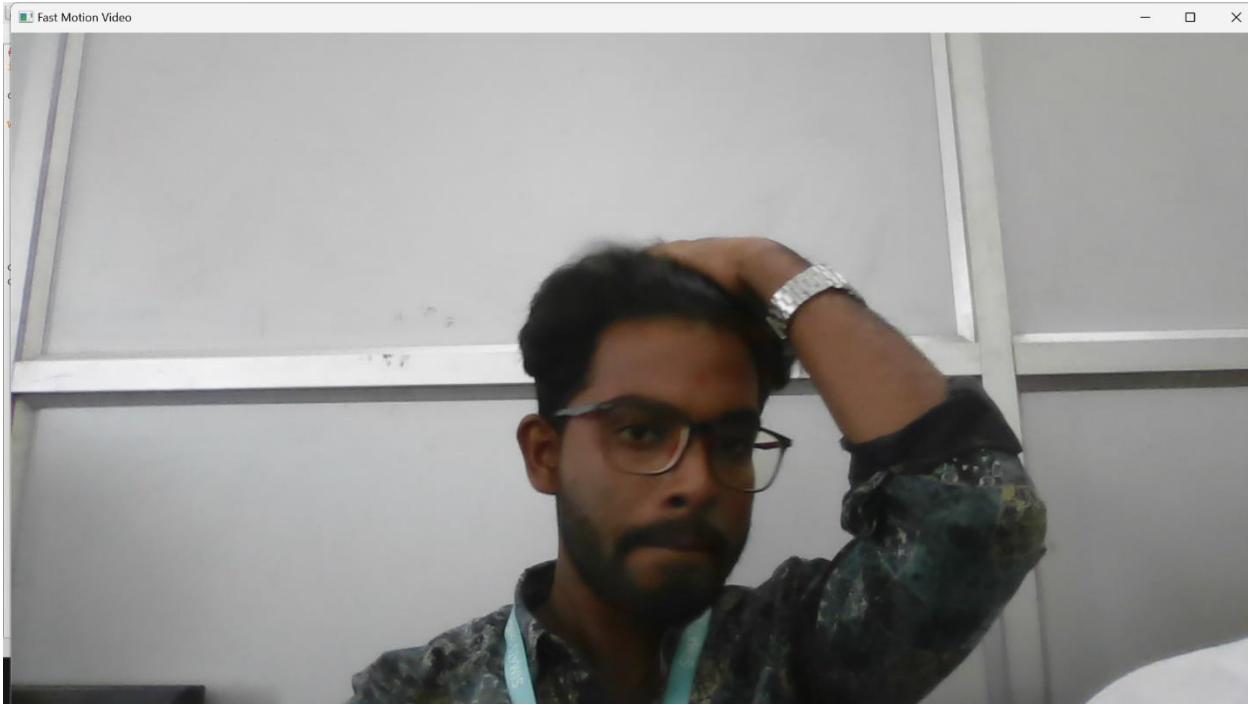
while True:
    ret, frame = cap.read()
    if not ret:
        break

    cv2.imshow("Fast Motion Video", frame)
    if cv2.waitKey(5) & 0xFF == ord('q'):
        break

cap.release()
cv2.destroyAllWindows()
```

The status bar at the bottom right of the code editor shows "Ln: 1 Col: 0". Below the code editor is a Windows taskbar with various icons for weather, search, and system notifications.

OUTPUT:



SLOW MOTION

```
EXP-2 SLOW.py - C:\Users\reddy\OneDrive\Desktop\COMPUTER VISION\EXP-2 SLOW.py (3.11.9)
File Edit Format Run Options Window Help
import cv2
cap = cv2.VideoCapture(r"C:\Users\reddy\OneDrive\Desktop\COMPUTER VISION\WIN_20260209_13_38_13_Pro.mp4")
while True:
    ret, frame = cap.read()
    if not ret:
        break
    cv2.imshow("Slow Motion Video", frame)
    if cv2.waitKey(100) & 0xFF == ord('q'):
        break
cap.release()
cv2.destroyAllWindows()

In: 1 Col: 0
31°C Partly sunny  Search  2:27 PM
2/13/2026
```

OUTPUT:

