LAB ACTIVITY
PENGOLAHAN CITRA DIGITAL
Pertemuan 3 – Load Video

Nama: Muhammad Rifqi Amir Putra   NPM: 062230701416

Kelas: 5 CA   Mata Kuliah: Pengolahan Citra Digital

Alat dan Bahan:
1. Text Editor
2. Python
3. Library Python OpenCV
4. Google Colab (Opsional)
5. Video
6. Kamera / Webcam

1. **Load Video dari File**
   Source Code:

```python
import cv2 as cv

cap = cv.VideoCapture("Gambar/estetik-video-resize-854x480.mp4")

while True:
    ret, frame = cap.read()

    if not ret:
        print("Video sudah selesai diputar.")
        break

    cv.imshow("Muhammad Rifqi Amir Putra", frame)

    key = cv.waitKey(10)
    if key == 27 or key == ord('q'):
        break

cap.release()
cv.destroyAllWindows()
```
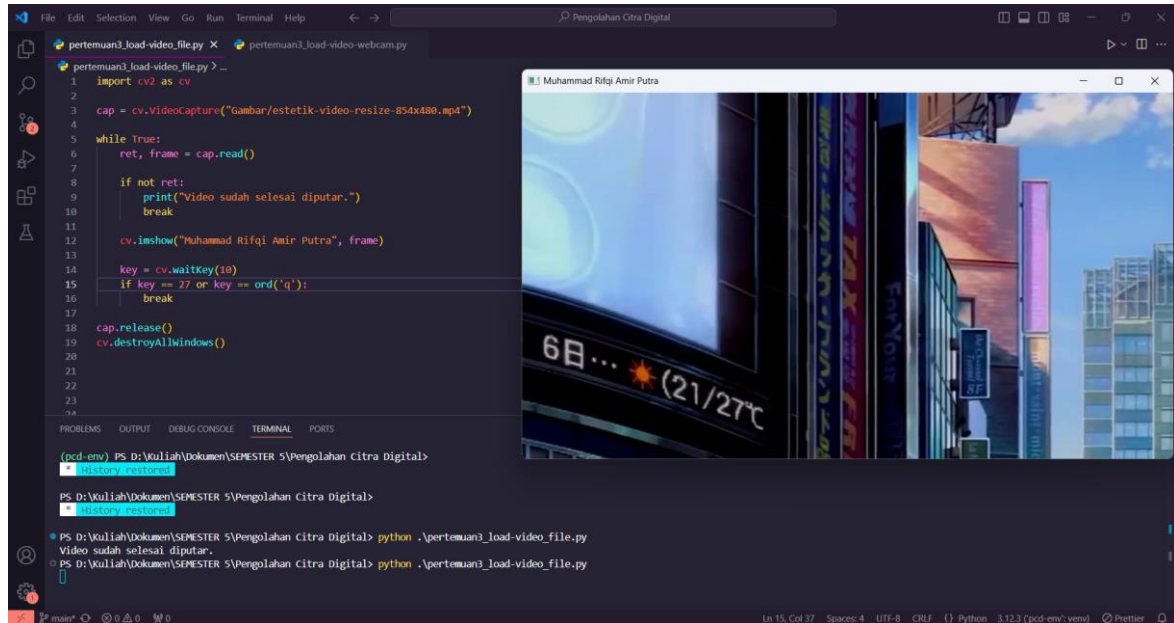
Hasil:

2. Load Video dari Kamera atau Webcam

Source code:

```python
import cv2 as cv

cap = cv.VideoCapture(0)

while True:
    ret, frame = cap.read()

    cv.imshow("Muhammad Rifqi Amir Putra" ,frame)

    key = cv.waitKey(1)
    if key == 27 or key == ord('q'):
        break

cap.release()
cv.destroyAllWindows()
```

Hasil: