

# videorecdisp

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## 1 Videorecdisp

Program to capture a video from a camera and display it live on the screen. \* **Import relevant modules:**

```
In [1]: import numpy as np
import cv2

cap = cv2.VideoCapture(0)

while(True):
    # Capture frame-by-frame
    ret, frame = cap.read()

    # Our operations on the frame come here
    gray = cv2.cvtColor(frame, cv2.COLOR_BGR2GRAY)

    # Display the resulting frame
    #cv2.imshow('frame', gray)
    cv2.imshow('frame', frame)
    if cv2.waitKey(1) & 0xFF == ord('q'):
        break
```

- **When everything done, release the capture:**

```
In [2]: cap.release()
cv2.destroyAllWindows()
```