

"Playing Video from file"

① `cap = cv2.VideoCapture("test.avi")`

`while (cap.isOpened()):`

`ret, frame = cap.read()`

`cv.imshow("frame", frame)`

`cap.release()`

`cv2.destroyAllWindows()`

"Saving Camera image"

`cap = cv2.VideoCapture(0)` # capturing the camera

Defining the codec by writing ['U', 'I', 'P', 'G'] or ['MJPG']

`fourcc = cv2.VideoWriter_fourcc(*'XVID')` ←

Create Video Writer object `cv2.VideoWriter:VideoWriter(...)`

`out = cv2.VideoWriter('output.avi', fourcc, 30.0, (640, 480))`

VideoWriter (const string & filename, fourcc, fps, framesize, iscolor)

④