

# OpenCV VideoIO Module Worksheet

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## Activity One

- (a) Write a program using OpenCV that opens a camera and changes its brightness property using a trackbar.
- (b) Write a program using OpenCV that opens a camera and changes its resolution to  $320 \times 240$  pixels.

## Activity Two

- (a) Write a program using OpenCV that opens a video and changes its current frame to 10.
- (b) Write a program using OpenCV that opens and plays a video, and changes a trackbar's value to the video's current frame value.

## Activity Three

- (a) Build Activity One's and Activity Two's programs in debug and release configurations. Is there any performance difference between debug and release versions?