



[Course](#) > [OpenCV Course Co...](#) > [Video Writing](#) > Quiz



Quiz

Question 1

1/1 point (graded)

VideoWriter in OpenCV is used to:

- ☐ To capture video from a webcam
- ☐ To play video files
- ☒ To write frames to a video file ✓
- ☐ To read frames from a video file

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 2

1/1 point (graded)

How can you check if **cap.read()** was successful? (Here: **cap = cv2.VideoCapture()**)

- ☐ By checking the value of the **isOpened()** function.
- ☐ By checking the value of the **capOpened()** variable.
- ☒ By checking the return value of the function **cap.read()**. ✓
- ☐ None of the above.

Submit

You have used 1 of 2 attempts



✓ Correct (1/1 point)

Question 3

1/1 point (graded)

For a VideoWriter object **output**, how can we release it's memory at the end of the program

☐ output.erase()

☐ output.release_memory()

☒ output.release() ✓

☐ output.releaseAllWindows()

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 4

1/1 point (graded)

How can you handle errors that may occur when using **cap.read()**?

☐ By checking the return value of the function and handling any errors accordingly.

☐ By using a try-except block to catch any exceptions that may be raised.

- ☐ By using the `isOpened()` function to check if the video capture object is still open before calling `cap.read()`

> ☒ All of the above ✓

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 5

1/1 point (graded)

What does fourcc mean in **`cv2.VideoWriter()`**?

☒ It refers to the four-character code used to specify the codec to be used for video compression ✓

☐ It is a parameter to set the frame rate of the output video

☐ It is the size of the video frame in pixels

☐ It is the file extension of the output video file

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

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