

# Quiz: How to build a Kick-Ass Mobile Document Scanner in Just 5 Minutes

**Question #1:** What are the 3 steps to build a mobile document Scanner?

- A. Edge detection, Perspective transform, Finding the largest contour
  - B. Edge detection, Finding the largest contour, Perspective transform
  - C. Perspective transform, Finding the largest contour, Thresholding
  - D. Thresholding, Finding the largest contour, Perspective transform
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**Question #2:** Is it a reasonable assumption for a piece of paper to be approximated by 4 contour points?

- A. Yes
  - B. No
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**Question #3:** What is the purpose of applying Gaussian blurring prior to edge detection?

- A. To make resizing the image more accurate
  - B. It makes it easier to find the contours in the image
  - C. Remove high frequency noise to make edge detection more accurate
  - D. Gaussian blurring does not help edge detection.
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**Question #4:** What is the point of applying the `threshold_adaptive` function on Line 66?

- A. To blur the image.
- B. To detect edges.
- C. To obtain a "black and white feel" to the piece of paper.
- D. To apply a 4-point transform.

# **Answers: How to build a Kick-Ass Mobile Document Scanner in Just 5 Minutes**

**Question #1: B**

**Question #2: A**

**Question #3: C**

**Question #4: C**