Quiz: Skin Detection: A Step-by-Step Example using Python and OpenCV

Question #1: What does the `cv2.inRange` function do?

A. Erodes and dilates an image
B. Finds pixel in the image that fall between a lower and upper boundary
C. Constructs a morphological kernel
D. Masks the image

Question #2: Name a potential limitation or drawback of our solution for skin detection.

A. The algorithm is very slow
B. The lower and upper boundaries will need to be tuned for each ethnicity
C. Our algorithm is not suitable for real-time image processing
D. There are no limitations or drawbacks.

Question #3: Why do we apply a series of erosions and dilations on Lines 47 and 48?

A. To convert color spaces
B. To detect the actual skin in the image
C. To make sure the image is small enough for real-time processing
D. To remove false-positive regions of skin

Question #4: What color space did we convert our image to before detecting skin?

A. HLS
B. L*a*b*
C. HSV
D. YCrCb

Answers: Skin Detection: A Step-by-Step Example using Python and OpenCV

Question #1: B
Question #2: B
Question #3: D
Question #4: C