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import cv2
import os

img_path = "/image_to_cut/" # Input path containing images to be cut
img_name = os.listdir(img_path)

out_path = "/image_cut_out/" # Output path to save the cut images
if not os.path.exists(out_path):
    os.mkdir(out_path)

img_size = 280 # Size of each cut image
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# Loop through each image in the input path
for i in range(int(len(img_name))):
    image = cv2.imread(img_path + img_name[i]) # Read the image

    num = int(image.shape[1] / img_size) # Calculate the number of cuts in the horizontal direction

    # Loop through each cut in the vertical direction
    for m in range(num):
        # Loop through each cut in the horizontal direction
        for n in range(num):
            # Define the region of interest (ROI) for the current cut
            img_roi = image[img_size * m: (m + 1) * img_size, img_size * n: (n + 1) * img_size]

            # Save the cut image to the output path
            cv2.imwrite(out_path + str(k) + ".png", img_roi)

            k = k + 1 # Increment the index for the saved images

```