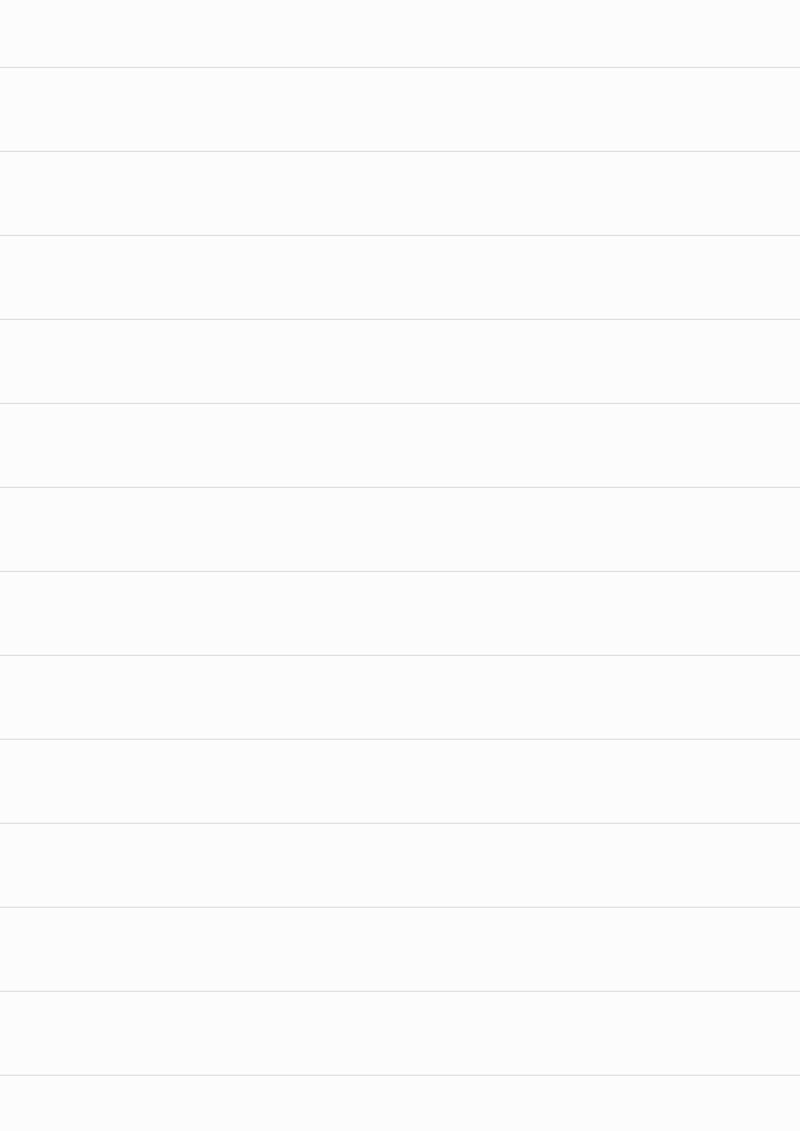
Image Pre-processing Let's start Image Pre-processing with the help of given activities. Image Pre-processing The "process\_img" function takes an image and a size as input, resizes the image to the specified size using OpenCV's "resize" function, normalizes the pixel values by dividing them by 255, and then returns the processed image. This function can be written in 2 lines as:



```
# Read all images and put in X variable, Y variable is class names
X, Y = [], []
for name in os.listdir(path):
    img = cv2.imread(path + name)
    X.append(process_img(img))
    Y.append(name.replace(' ', '_').split('_')[0])
X = np.array(X)
```

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