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from tensorflow.keras.preprocessing.image import ImageDataGenerator

train_datagen=ImageDataGenerator(rescale=1./255, zoom_range=0.2, horizontal_flip=True, vertical_flip=False)

test_datagen=ImageDataGenerator(rescale=1./255)

x_train=train_datagen.flow_from_directory('veg-dataset/v_train',
                                          target_size=(128,128), batch_size=24, class_mode='categorical')

x_test=test_datagen.flow_from_directory('veg-dataset/v_test',
                                       target_size=(128,128), batch_size=24, class_mode='categorical')

Found 11386 images belonging to 9 classes.

Found 3416 images belonging to 9 classes.

x_train.class_indices
{'Pepper,bell__Bacterial_spot': 0,
 'Pepper,bell__healthy': 1,
 'Potato__Early_blight': 2,
 'Potato__Late_blight': 3,
 'Potato__healthy': 4,
 'Tomato__Bacterial_spot': 5,
 'Tomato__Late_blight': 6,
 'Tomato__Leaf_Mold': 7,
 'Tomato__Septoria_leaf_spot': 8}
```