

```
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('fruit-dataset/f_train',
                                          target_size=(128,128), batch_size=24, class_mode='categorical')

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

Found 5384 images belonging to 6 classes.

Found 1686 images belonging to 6 classes.

x_train.class_indices
{'Apple___Black_rot': 0,
 'Apple___healthy': 1,
 'Corn_(maize)___Northern_Leaf_Blight': 2,
 'Corn_(maize)___healthy': 3,
 'Peach___Bacterial_spot': 4,
 'Peach___healthy': 5}
```