```
from tensorflow.keras.preprocessing.image import ImageDataGenerator
```

In [2]:

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

In [3]:

```
test_datagen=ImageDataGenerator(rescale=1./255)
```

In [4]:

```
x_train=train_datagen.flow_from_directory(r"C:\Users\VENGAT\Desktop\Data\Da
taset Plant Disease\Veg-dataset\Veg-
dataset\train_set",target_size=(128,128),

class_mode='categorical',batch_size=24)
```

```
Found 11386 images belonging to 9 classes.
```

In [4]:

```
x_test=test_datagen.flow_from_directory(r'C:\Users\VENGAT\Desktop\Data\Data
set Plant Disease\Veg-dataset\Veg-dataset\test_set',target_size=(128,128),

class_mode='categorical',batch_size=24)
```

```
Found 3416 images belonging to 9 classes.
```

In [5]:

```
x_train =
train_datagen.flow_from_directory(r'C:\Users\VENGAT\Desktop\Data\Dataset
Plant Disease\fruit-dataset\fruit-dataset\test',target_size = (128,128),
batch_size = 32, class_mode = 'categorical')
x_test =
test_datagen.flow_from_directory(r'C:\Users\VENGAT\Desktop\Data\Dataset
Plant Disease\fruit-dataset\fruit-dataset\train',target_size = (128,128),
batch_size = 32, class_mode = 'categorical')
```

```
Found 1686 images belonging to 6 classes.
Found 5384 images belonging to 6 classes.
```