In [2]:

```python
from keras.preprocessing.image import ImageDataGenerator
train_datagen = ImageDataGenerator(rescale=1./255,shear_range=0.2,
                                    zoom_range=0.2,
                                    horizontal_flip=True)
test_datagen = ImageDataGenerator(rescale=1)
```

In [5]:

```python
"x_train = train_datagen.flow_from_directory(r'E:\IBM\Fertilizers_Recommendation_ System_
For_Disease_ Prediction\Dataset Plant Disease\fruit-dataset\fruit-dataset\test',target_si
ze = (128,128), batch_size = 32, class_mode = 'categorical')"
"x_test = test_datagen.flow_from_directory(r'E:\IBM\Fertilizers_Recommendation_ System_Fo
r_Disease_ Prediction\Dataset Plant Disease\fruit-dataset\fruit-dataset\train',target_siz
e = (128,128),batch_size = 32, class_mode = 'categorical')"
```

Out[5]:

```python
"x_test = test_datagen.flow_from_directory(r'E:\\IBM\\Fertilizers_Recommendation_ System_
For_Disease_ Prediction\\Dataset Plant Disease\x0cruit-dataset\x0cruit-dataset\train',tar
get_size = (128,128),batch_size = 32, class_mode = 'categorical')"
```

In [ ]:

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