```
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 [2]:
x_train=train_datagen.flow_from_directory(r'C:\Users\abi\project\Dataset
Plant Disease\fruit-dataset\fruit-
dataset\train',target size=(128,128),batch size=2,class mode='categorical')
x test=test datagen.flow from directory(r'C:\Users\abi\project\Dataset
Plant Disease\fruit-dataset\fruit-
dataset\test',target size=(128,128),batch size=2,class mode='categorical')
Found 5384 images belonging to 6 classes.
Found 1686 images belonging to 6 classes.
from keras.models import Sequential
from keras.layers import Dense
from keras.layers import Convolution2D
from keras.layers import MaxPooling2D
```

from keras.layers import Flatten