Date	07 November 2022
Team ID	PNT2022TMID12899
Project Name	Fertilizers Recommendation System for disease prediction

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.
[3]:
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