Import the ImageDataGenerator library

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

Configure ImageDataGenerator Class

Apply Image DataGenerator Functionality To Trainset And Testset

```
x train = train datagen.flow from directory(
   r'/content/drive/MyDrive/Project/Dataset/TRAIN SET',
   target size=(64, 64),batch size=32,color mode='rgb',class mode='categorical')
x test = test datagen.flow from directory(
   r'/content/drive/MyDrive/Project/Dataset/TEST_SET',
   target_size=(64, 64),batch_size=32,color_mode='rgb',class_mode='categorical')
Found 3838 images belonging to 5 classes.
     Found 280 images belonging to 5 classes.
print(x train.class indices)
    {'APPLES': 0, 'BANANA': 1, 'ORANGE': 2, 'PINEAPPLE': 3, 'WATERMELON': 4}
print(x_test.class_indices)
    {'APPLE': 0, 'BANANA': 1, 'ORANGE': 2, 'PINEAPPLE': 3, 'WATERMELON': 4}
from collections import Counter as c
c(x train .labels)
    Counter({0: 913, 1: 1306, 2: 964, 3: 240, 4: 415})
from collections import Counter as c
c(x_test .labels)
    Counter({0: 82, 1: 48, 2: 55, 3: 35, 4: 60})
```

Importing The Model Building Libraries