## **IMPORT THE LIBRARIES**

	from tensorflow.keras.preprocessing.image import ImageDataGenerator	Python
	train_datagen=ImageDataGenerator(rescale=1./255,zoom_range=0.2,horizontal_flip=True,vertical_flip=False)	Python
	test_datagen=ImageDataGenerator(rescale=1./255)	ryuloli
		Python
	x_train=train_datagen.flow_from_directory(r"/content/drive/MyDrive/Fertilizers_Recommendation_ System_For_Disease_ Prediction/Dataset Plant Disease/fruit-dataset/fruit-dataset/train",target_	_size=(
Python Found 5384 images belonging to 6 classes.		
	x_test=test_datagen.flow_from_directory(r'/content/drive/MyDrive/Fertilizers_Recommendation_ System_For_Disease_ Prediction/Dataset Plant Disease/fruit-dataset/fruit-dataset/test',target_siz	
		Python

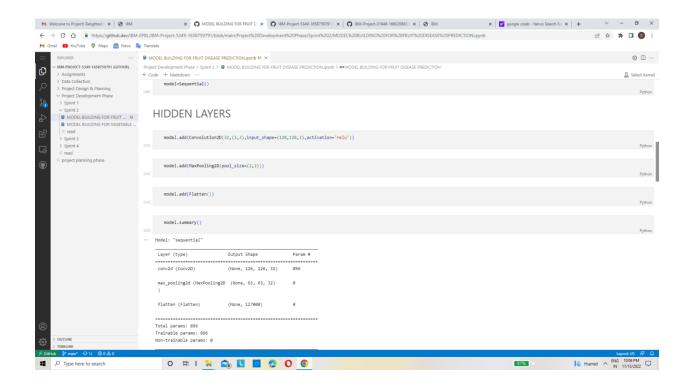
Found 1686 images belonging to 6 classes.

## **INITIALIZE THE MODEL**





## **ADDING DNN**



```
SAVING MODEL

model.save('fdata.h5')

TEST THE MODEL

import numpy as np

from tensorflow.keras.models import load_model

from tensorflow.keras.preprocessing import image

model-load_model('fdata.h5')
```