```
test_dir=r'C:\Users\praveen\Desktop\FILES\data_for_ibm\Fertilizers_Recommendation_
System For Disease Prediction\Dataset Plant Disease\fruit-dataset\fruit-dataset\test'
import tensorflow as tf
from tensorflow import keras
from tensorflow.keras.preprocessing.image import ImageDataGenerator
model =
tf.keras.models.load_model(r'C:\Users\praveen\Desktop\FILES\data_for_ibm\Fertilizers_Recommen
dation_System_For_Disease_Prediction\Dataset Plant Disease\fruitdata.h5')
test_datagen_1=ImageDataGenerator(rescale=1)
test_generator_1=test_datagen_1.flow_from_directory(
  test dir,
  target size=(128,128),
  batch size=20,
  class mode='categorical'
)
Found 1686 images belonging to 6 classes.
import numpy as np
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
img=image.load_img(r"C:\Users\praveen\Desktop\FILES\data_for_ibm\Fertilizers_Recommendation
_ System_For_Disease_ Prediction\Dataset Plant Disease\fruit-dataset\fruit-
dataset\train\Corn_(maize)__healthy\9faacf6a-f638-435a-8994-f1418b332199__R.S_HL 8102 copy
2.jpg")
img
img=image.load_img(r"C:\Users\praveen\Desktop\FILES\data_for_ibm\Fertilizers_Recommendation
System For Disease Prediction\Dataset Plant Disease\fruit-dataset\fruit-
dataset\train\Corn_(maize)__healthy\9faacf6a-f638-435a-8994-f1418b332199__R.S_HL 8102 copy
2.jpg",target_size=(128,128))
x=image.img_to_array(img)
x=np.expand_dims(x,axis=0)
y=np.argmax(model.predict(x),axis=1)
index=['Apple_Black_rot', 'Apple_healthy', 'Corn(maize)_healthy',
'Corn(maize)__Northern_Leaf_Blight', 'Peach_Bacterial_spot', 'Peach_healthy']
```