Importing The Required Model Building Libraries

```
from google.colab import drive
drive.mount('/content/drive')
from tensorflow.keras.preprocessing.image import ImageDataGenerator
from keras.models import Sequential, load_model from
keras.layers.core import Dense, Dropout, Activation from
keras.utils import np utils
# Training Dataset
x_train=train_datagen.flow_from_directory('/content/drive/Dataset/training_set',target_siz
# Testing Dataset
x_test=test_datagen.flow_from_directory('/content/drive/Dataset/test_set',target_size=(64
# Training Datagen train_datagen =
ImageDataGenerator(rescale=1/255,zoom_range=0.2,horizontal_flip=True,verti
# Testing Datagen test_datagen =
ImageDataGenerator(rescale=1/255)
Pound 15750 images belonging to 9 classes. Found
     2250 images belonging to 9 classes.
print("Len x-train : ", len(x_train)) print("Len
x-test : ", len(x_test))
     Len x-train : 18
     Len x-test : 3
# The Class Indices in Training Dataset x_train.class_indices
     {'A': 0, 'B': 1, 'C': 2, 'D': 3, 'E': 4, 'F': 5, 'G': 6, 'H': 7, 'I': 8}
# Importing Libraries from tensorflow.keras.models import Sequential from
tensorflow.keras.layers import Convolution2D, MaxPooling2D, Flatten, Dense
```