```
In [4]:  import keras
         from keras.preprocessing.image import ImageDataGenerator
```

```
In [5]:  #Define the parameters/arguments for ImageDataGenerator class
         train_datagen=ImageDataGenerator(rescale=1./255,shear_range=0.2,rotation_range=180,zoom_range

         test_datagen=ImageDataGenerator(rescale=1./255)
```

```
In [6]:  #Applying ImageDataGenerator functionality to trainset
         x_train=train_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\
                                                   target_size=(128,128),
                                                   batch_size=32,
                                                   class_mode='binary')
```

Found 436 images belonging to 2 classes.

```
In [7]:  #Applying ImageDataGenerator functionality to testset
         x_test=test_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\te
                                                 target_size=(128,128),
                                                 batch_size=32,
                                                 class_mode='binary')
```

Found 121 images belonging to 2 classes.

```
In [ ]:
```