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 [ ]: