**import** keras

**from** keras.preprocessing.image **import** ImageDataGenerator

In [2]:

*#Define the parameters/arguments for ImageDataGenerator class*

train\_datagen**=**ImageDataGenerator(rescale**=**1.**/**255,shear\_range**=**0.2,rotation\_range**=**180,zoom\_range**=**0.2,horizontal\_flip**=True**)

test\_datagen**=**ImageDataGenerator(rescale**=**1.**/**255)

In [3]:

*#Applying ImageDataGenerator functionality to trainset*

x\_train**=**train\_datagen**.**flow\_from\_directory('/content/Dataset/Dataset/train\_set',target\_size**=**(128,128),batch\_size**=**32,class\_mode**=**'binary')

Found 436 images belonging to 2 classes.

In [4]:

*#Applying ImageDataGenerator functionality to testset*

x\_test**=**test\_datagen**.**flow\_from\_directory('/content/Dataset/Dataset/test\_set',target\_size**=**(128,128),batch\_size**=**32,class\_mode**=**'binary')

Found 121 images belonging to 2 classes.

In [ ]: