```
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)
                             #Applying ImageDataGenerator functionality to trainset
In [6]:
                              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\test\_test\_datagen.flow\_from\_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\test\_test\_datagen.flow\_from\_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\test\_test\_datagen.flow\_from\_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\Dataset\Dataset\test\_datagen.flow\_from\_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Dataset\Da
                                                                                                                                                                          target_size=(128,128),
                                                                                                                                                                          batch_size=32,
                                                                                                                                                                          class_mode='binary')
                             Found 121 images belonging to 2 classes.
In [ ]:
```