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

In [5]:
```python
#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]:
```python
#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]:
```python
#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 [ ]: