

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 0
```

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

In [6]:

```
#Applying ImageDataGenerator functionality to
trainset
x_train=train_datagen.flow_from_directory(r'C:\Users\d
hine\Down
nloads\ar
chive\Da
taset\Da
taset\
target_s
ize=(128
,128),0
batch_s
ize=32,
0
class_m
ode='bi
nary')
```

In [7]:

Found 436 images belonging to 2 classes.

In []:

```
#Applying ImageDataGenerator functionality to
testset
x_test=test_datagen.flow_from_directory(r'C:\Users\dhi
ne\Downloa
ds\archive
\Dataset\Da
taset\te
target_siz
e=(128,128
),0
batch_siz
e=32,0
class_mod
e='binary
')
```

Found 121 images belonging to 2 classes.

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