Importing the Model Building Libraries

```
import numpy as np
import tensorflow.
from tensorflow.keras.models import Sequential
from tensorflow.keras.import layers
from tensorflow.keras.layers import Dense,Flatten
from tensorflow.keras.layers import Conv2D,MaxPooling2D,Dropout
from keras.preprocessing.image import ImageDataGenerator

Image Data Agumentation

In [2]:
    train_datagen = ImageDataGenerator(rescale=1./255,shear_range=0.2,zoom_range=0.2,horizontal_flip=True)
    test_datagen=ImageDataGenerator(rescale=1./255)

Loading our data and performing data agumentation

In [12]:
    x_train = train_datagen.flow_from_directory(
    r_1/Malay/TBM_Stytef/Deniget_and_Design_Phase/Data_Set/Data_Set/train/
    r_1/Malay/TBM_Stytef/Deniget_and_Design_Phase/Data_Set/train/
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