data augmentation

```python
# import necessarylib.
from tensorflow.keras.preprocessing.image import ImageDataGenerator


#image Data Agumentation

#setting parameter for Image Data agumentation to the traing data

train_datagen = ImageDataGenerator (rescale=1./255, shear_range=0.2,zoom_range=0.2, h

#Image Data agumentation to the testing data
test_datagen=ImageDataGenerator(rescale=1./255)


#Loading our data and performing data agumentation
#performing data agumentation to train data

x_train = train_datagen.flow_from_directory('/content/dataset/train_set',target_size=

#performing data agumentation to test data

x_test = test_datagen.flow_from_directory('/content/dataset/test_set',target_size=(64
```

```
Found 742 images belonging to 4 classes.
Found 198 images belonging to 4 classes.
```