Preprocessing a Dataset (contains images for front, rear and side views of car)

1. Import Libraries

```python
In [1]:  import tensorflow as tf
         import os
         import numpy as np
```

2.Image data generator (dataset-views)

```python
In [2]:  IMAGE_SIZE=224
         BATCH_SIZE=64

         train_datagen=tf.keras.preprocessing.image.ImageDataGenerator(
             rescale=1./255,
             zoom_range=0.2,
             horizontal_flip=True,
             validation_split=0.1)

         validation_datagen=tf.keras.preprocessing.image.ImageDataGenerator(
             rescale=1./255,
             validation_split=0.1
         )
```

```python
In [3]:  train="training"
         train_genarator=train_datagen.flow_from_directory(
             train,
             target_size=(IMAGE_SIZE,IMAGE_SIZE),
             batch_size=BATCH_SIZE


         )
         test="validation"
         validation_generator=validation_datagen.flow_from_directory(
             test,
             target_size=(IMAGE_SIZE,IMAGE_SIZE),
             batch_size=BATCH_SIZE


         )
```

```
Found 960 images belonging to 3 classes.
Found 171 images belonging to 3 classes.
```

```python
In [ ]:
```

```python
In [ ]:
```