

In [3]:

```
from imageai.Detection import ObjectDetection
import os
```

In [4]:

```
import os

execution_path = os.getcwd()

detector = ObjectDetection()
detector.setModelTypeAsRetinaNet()
detector.setModelPath( os.path.join(execution_path , "resnet50_coco_
detector.loadModel()
detections = detector.detectObjectsFromImage(input_image=os.path.joi

for eachObject in detections:
    print(eachObject["name"] , " : " , eachObject["percentage_probab
```

```
tracking <tf.Variable 'Variable_5:0' shape=(9, 4) dtype
e=float32> anchors
tracking <tf.Variable 'Variable_6:0' shape=(9, 4) dtype
e=float32> anchors
tracking <tf.Variable 'Variable_7:0' shape=(9, 4) dtype
e=float32> anchors
tracking <tf.Variable 'Variable_8:0' shape=(9, 4) dtype
e=float32> anchors
tracking <tf.Variable 'Variable_9:0' shape=(9, 4) dtype
e=float32> anchors
car : 98.90155792236328
```

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