


```
[-1]
[10]
[ 1]
[10]
[ 3]
[10]
[10]
```

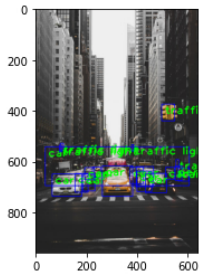
```
In [22]: print(classlabels)
```

```
['person', 'bicycle', 'car', 'motorbike', 'aeroplane', 'bus', 'train', 'truck', 'boat', 'traffic light', 'fire hydrant', 'stop sign', 'parking meter', 'bench', 'bird', 'cat', 'dog', 'horse', 'sheep', 'cow', 'elephant', 'bear', 'zebra', 'giraffe', 'backpack', 'umbrella', 'handbag', 'tie', 'suitcase', 'frisbee', 'skis', 'snowboard', 'sports ball', 'kite', 'baseball bat', 'baseball glove', 'skateboard', 'surfboard', 'tennis racket', 'bottle', 'wine glass', 'cup', 'fork', 'knife', 'spoon', 'bowl', 'banana', 'apple', 'sandwich', 'orange', 'broccoli', 'carrot', 'hot dog', 'pizza', 'donut', 'cake', 'chair', 'sofa', 'pottedplant', 'bed', 'diningtable', 'toilet', 'tvmonitor', 'laptop', 'mouse', 'remote', 'keyboard', 'cell phone', 'microwave', 'oven', 'toaster', 'sink', 'refrigerator', 'book', 'clock', 'vase', 'scissors', 'teddy bear', 'hair drier', 'toothbrush']
```

```
In [23]: font_scale = 3
font = cv2.FONT_HERSHEY_PLAIN
for ClassInd, conf, boxes in zip(ClassIndex.flatten(), confidence.flatten(), bbox):
    cv2.rectangle(img, boxes, (255, 0, 0), 2)
    cv2.putText(img, classlabels[ClassInd-1], (boxes[0]+10, boxes[1]+40), font, fontScale=font_scale, color=(0, 255, 0), thickness=3)
```

```
In [24]: plt.imshow(cv2.cvtColor(img, cv2.COLOR_BGR2RGB))
```

```
Out[24]: <matplotlib.image.AxesImage at 0x182ef2038b0>
```



```
In [ ]:
```