Text and picture drawing

Function call: cv2.putText(img, str, origin, font, size, color, thickness)

The parameters are: image, added text, upper left corner coordinates (integer), font, font size, color, font thickness.

The font types are as follows.

Enumeration	
FONT_HERSHEY_SIMPLEX Python: cv.FONT_HERSHEY_SIMPLEX	Normal size sans-serif font
FONT_HERSHEY_PLAIN Python: cv.FONT_HERSHEY_PLAIN	Small size sans-serif font
FONT_HERSHEY_DUPLEX Python: cv.FONT_HERSHEY_DUPLEX	Normal size sans-serif font (more complex than FONT_HERSHEY_SIMPLEX)
FONT_HERSHEY_COMPLEX Python: cv.FONT_HERSHEY_COMPLEX	Normal size serif font
FONT_HERSHEY_TRIPLEX Python: cv.FONT_HERSHEY_TRIPLEX	Normal size serif font (more complex than FONT_HERSHEY_COMPLEX)
FONT_HERSHEY_COMPLEX_SMALL Python: cv.FONT_HERSHEY_COMPLEX_SMALL	Smaller version of FONT_HERSHEY_COMPLEX
FONT_HERSHEY_SCRIPT_SIMPLEX Python: cv.FONT_HERSHEY_SCRIPT_SIMPLEX	Handwriting style font
FONT_HERSHEY_SCRIPT_COMPLEX Python: cv.FONT_HERSHEY_SCRIPT_COMPLEX	More complex FONT_HERSHEY_SCRIPT_SIMPLEX variant
FONT_ITALIC Python: cv.FONT_ITALIC	Sign in italic font

Code path:

```
~/dofbot_ws/src/dofbot_opencv/scripts/3.draw_picture/06_draw_world.ipynb
```

```
import cv2
import   numpy as np

img = cv2.imread('yahboom.jpg',1)

font =   cv2.FONT_HERSHEY_SIMPLEX

cv2.rectangle(img,(200,100),(500,400),(0,255,0),3)

# 1 dst 2 text content 3 coordinates 4 5 font size 6 color 7 thickness 8 line
type

cv2.putText(img,'Yahboom',(250,50),font,1,(200,200,0),2,cv2.LINE_AA)

#   cv2.imshow('src',img)

#   cv2.waitKey(0)
```

```
import   matplotlib.pyplot as plt

img =   cv2.cvtColor(img, cv2.COLOR_BGR2RGB)

plt.imshow(img)

plt.show()
```