In [1]:
```
cd C:\Users\harsha.teja\Desktop\adg
```

```
C:\Users\harsha.teja\Desktop\adg
```

In [ ]:
```
```

In [4]:
```
# importing the module
import cv2

# function to display the coordinates of
# of the points clicked on the image
def click_event(event, x, y, flags, params):

    # checking for left mouse clicks
    if event == cv2.EVENT_LBUTTONDOWN:

        # displaying the coordinates
        # on the Shell
        print(x, ' ', y)

        # displaying the coordinates
        # on the image window
        font = cv2.FONT_HERSHEY_SIMPLEX
        cv2.putText(img, str(x) + ',' +
                    str(y), (x,y), font,
                    1, (255, 0, 0), 2)
        cv2.imshow('image', img)

    # checking for right mouse clicks
    if event==cv2.EVENT_RBUTTONDOWN:

        # displaying the coordinates
        # on the Shell
        print(x, ' ', y)

        # displaying the coordinates
        # on the image window
        font = cv2.FONT_HERSHEY_SIMPLEX
        b = img[y, x, 0]
        g = img[y, x, 1]
        r = img[y, x, 2]
        cv2.putText(img, str(b) + ',' +
                    str(g) + ',' + str(r),
                    (x,y), font, 1,
                    (255, 255, 0), 2)
        cv2.imshow('image', img)
```

In [6]:
```
 # driver function
if __name__=="__main__":

    # reading the image
    img = cv2.imread('T1.png', 1)

    # displaying the image
    cv2.imshow('image', img)

    # setting mouse hadler for the image
    # and calling the click_event() function
    cv2.setMouseCallback('image', click_event)

    # wait for a key to be pressed to exit
    cv2.waitKey(0)
```

```
    # close the window
    cv2.destroyAllWindows()
```

```
213   456
319   348
442   372
538   262
637   333
775   188
828   226
929   68
```

In [ ]: