Accessing Image Properties

```
img = cv2.imread(...)
imggray = cv2.cvtColor(img, cv2.COLOR_RGB2GRAY)
print(img.shape)
print(imggray.shape)
```

output:
(100, 75, 3)
(100, 75)

also, rows, cols, channels = img.shape

100 → rows, 75 → cols, 3 → channels

or

rows, columns, channels

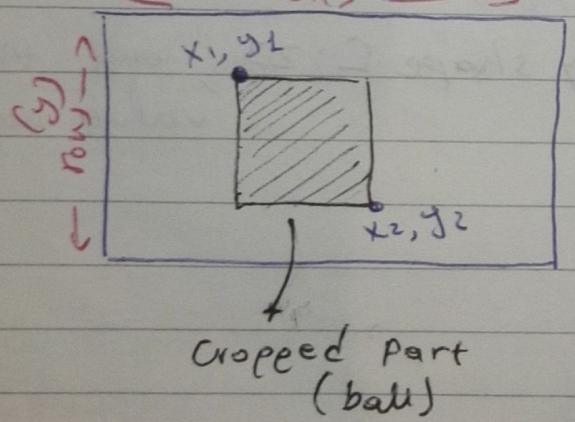
Image datatype is obtained by:
img.dtype

img_shape = img.shape[0], img.shape[1]
is equal to:
img_shape = img.shape[:2]
which is:
(238, 239).

Image P

You can crop ~~images~~ p
then save them, or paste

→ ball = img[y1:y2, x1:x2]



Cropped part (ball)

• If you want to paste the image (ball) on another image, you will need distx and disty.
and:

img2[y1N:y2N, x1N:x2N] = ball

y2N = y1N - disty

x2N = x1N - distx