

In [1]:

```
import cv2
import numpy as np
```

In [2]:

```
src = cv2.imread('./data/lena.jpg', cv2.IMREAD_GRAYSCALE)

dst = src          #참조
##dst = src.copy()  #복사
dst[100:400, 200:300] = 0

cv2.imshow('src', src)
cv2.imshow('dst', dst)
cv2.waitKey()
cv2.destroyAllWindows()
```

In [7]:

```
src = cv2.imread('./data/lena.jpg', cv2.IMREAD_GRAYSCALE)
shape = src.shape[0], src.shape[1], 3
dst = np.zeros(shape, dtype=np.uint8)
print(dst.shape)

dst[:, :, 0] = src    # B-채널
dst[:, :, 1] = src    # G-채널
dst[:, :, 2] = src    # R-채널

dst[100:400, 200:300, :] = [255, 255, 255]

cv2.imshow('src', src)
cv2.imshow('dst', dst)
cv2.waitKey()
cv2.destroyAllWindows()
```

(512, 512, 3)

In [ ]: