

## Class Activity

Pada kelas hari ini, akan digunakan sebuah image, dan akan dilakukan proses untuk timpa teks

## Menggunakan x, y, w, h

```
In [17]: import cv2
import os
import matplotlib.pyplot as plt

image_path = os.path.join(os.getcwd(), 'attachment', 'sample-b-img-if4021.jpg')

yellow = [255, 255, 0] ## Fans Man City
red = [255, 0, 0] ## Fans MU

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

height, width, channels = img.shape

# Print the dimensions
print(f'Width: {width}, Height: {height}')

x, y, w, h = 800, 250, 320, 180
img[y:y+h, x:x+w] = yellow

plt.figure(figsize=(5, 5))
plt.imshow(img)
plt.axis('off')
plt.show()
```

Width: 1920, Height: 1280



## Menggunakan X1, X2, Y1, Y2

```
In [18]: import cv2
import os
import matplotlib.pyplot as plt

image_path = os.path.join(os.getcwd(), 'attachment', 'sample-b-img-if4021.jpg')

yellow = [255, 255, 0] ## Fans Man City
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img = cv2.imread(image_path)
img = cv2.cvtColor(img, cv2.COLOR_BGR2RGB)

height, width, channels = img.shape

# Print the dimensions
print(f'Width: {width}, Height: {height}')

x, y, w, h = 800, 250, 320, 180
img[y:y+h, x:x+w] = yellow
```

```
x1, x2 , y1, y2 = 1230, 1320, 150, 250
img[y1:y2, x1:x2] = red

plt.figure(figsize=(5, 5))
plt.imshow(img)
plt.axis('off')
plt.show()
```

Width: 1920, Height: 1280

