task-03-01-regtangle

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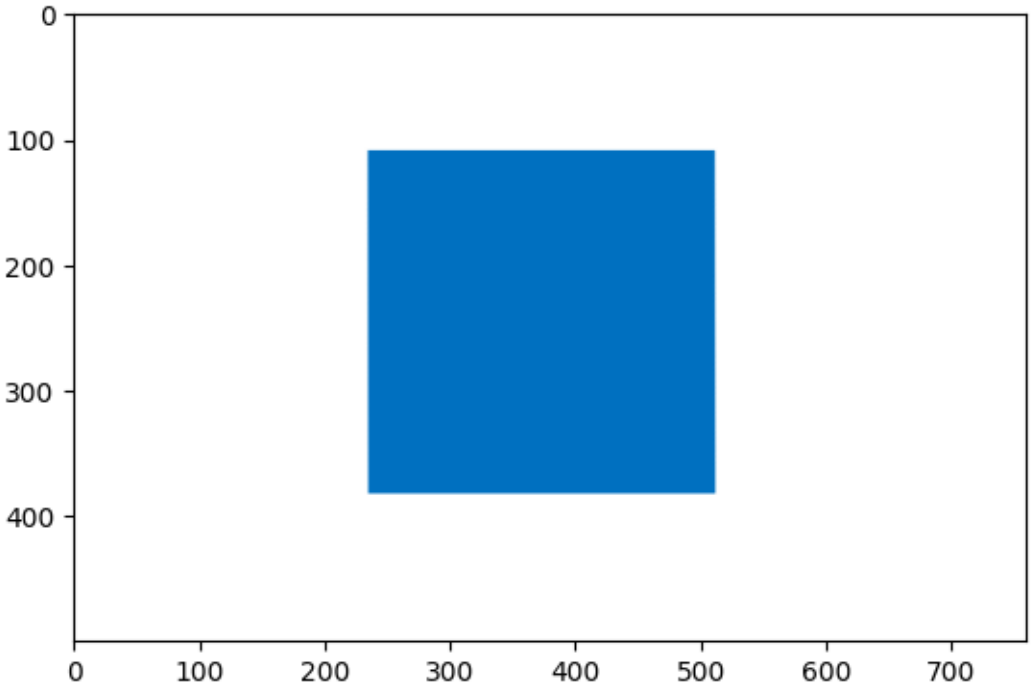
Task 3.1 | 65011428 Papinwich Asnapetch

[2]:
```
import cv2
from matplotlib import pyplot as plt
import numpy as np
```

[4]:
```
# Task 3.1

# Load Image
original_img = cv2.imread('rectangle2.png')
original_img = cv2.cvtColor(original_img, cv2.COLOR_BGR2RGB)
sz = original_img.shape
img_sz = (sz[1], sz[0])

# Shear Matrix
M1 = np.float32([[1, 0.6, 0],
                 [0, 1, 0]])


M2 = np.float32([[0.63, 0, 40],
                 [0, 1, 0]])

# Image process
img = cv2.warpAffine(original_img, M1, img_sz, borderValue= (255, 255, 255))
img = cv2.warpAffine(img, M2, img_sz, borderValue= (255, 255, 255))

# Display
plt.imshow(img)
```

[4]:
```
<matplotlib.image.AxesImage at 0x2284f05afd0>
```


0
100
200
300
400
0
100
200
300
400
500
600
700