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Experiment 17:

Design and implement a water marking technique to insert the watermark into the original effectively image using Open CV.

**Code:**

```
import cv2

original = cv2.imread("original.jpg")
watermark = cv2.imread("watermark.png")

if original is None or watermark is None:
    print("X Image not found!")
    exit()

h, w = original.shape[:2]
wm_w, wm_h = w // 4, h // 4
watermark = cv2.resize(watermark, (wm_w, wm_h))

x = w - wm_w - 20
y = h - wm_h - 20
roi = original[y:y+wm_h, x:x+wm_w]
alpha = 0.8

blended = cv2.addWeighted(roi, 1 - alpha, watermark, alpha, 0)
original[y:y+wm_h, x:x+wm_w] = blended
cv2.imshow("Watermarked Image", original)
cv2.waitKey(0)

cv2.destroyAllWindows()
```

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**Output:**

