

ITA0520 – Computer Vision For Image Analysis

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Experiment 9:

Implement the image scaling techniques to resize the images to both bigger and small sizes.

Code:

```
import cv2  
  
img = cv2.imread("Person.jpg")  
  
h, w = img.shape[:2]  
  
small = cv2.resize(img, (w // 2, h // 2), interpolation=cv2.INTER_AREA)  
  
big = cv2.resize(img, (int(w * 1.5), int(h * 1.5)), interpolation=cv2.INTER_CUBIC)  
  
cv2.imshow("Original Image", img)  
  
cv2.imshow("Smaller Image", small)  
  
cv2.imshow("Bigger Image", big)  
  
cv2.waitKey(0)  
  
cv2.destroyAllWindows()
```

Input:



Output:

