

## ITA0520 – Computer Vision For Image Analysis

**Name:** Aryan.KS(192325051)

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:**

