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Experiment 15:

Perform basic Image Handling and processing operations on the image is to read an image in python and detect the corners in the image using Harris Corner Detection function

Code:

```
import cv2
import numpy as np
image = cv2.imread("Person.jpg")
if image is None:
    print("❌ Error: Image not found!")
else:
    gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
    gray = np.float32(gray)
    corners = cv2.cornerHarris(gray, blockSize=2, ksize=3, k=0.04)
    corners = cv2.dilate(corners, None)
    image[corners > 0.01 * corners.max()] = [0, 0, 255]
    cv2.imshow("Harris Corners", image)
    cv2.waitKey(0)
    cv2.destroyAllWindows()
```

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Output: