

Though the image is rotated with an angle of 90 degrees, still the harris detector manages to detect the same corners.

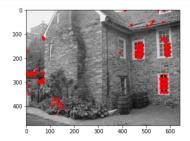
```
img = cv2.imread('/content/housel-2down.jpeg')
img = cv2.cvtColor(img, cv2.COLOR_RGB2GRAY)

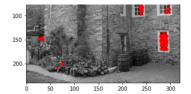
finalImg, cornerList = findCorners(img, int(5), float(0.04), int(100000000))

points = np.array(cornerList)
plot = plt.figure(1)
plt.imshow(img, cmap="gray")
plt.plot(points[:,0],points[:,1], 'r.')
plt.show()

if finalImg is not None:
    cv2.imwrite("finalimage.png", finalImg)

if __name__ == "__main__":
    main()
```





As the image is scaled by half for each attempt, the number of the corners which are detected are reduced.

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