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```
import numpy as np
import cv2
img = np.zeros((400,400,3))
#creates a black background

    # print the pattern
for i in range(0,9):
    for j in range(0,9,2):
        if(i%2==0):
            img[(i*50):((i+1)*50),(j*50):((j+1)*50)]=255,255,255

        if(i%2==1):
            img[(i*50):((i+1)*50),((j+1)*50):((j+2)*50)] = 255,255,255

cv2.imshow('CHECKER BOARD',img)

cv2.waitKey(0)
cv2.destroyAllWindows()
```

```
"IDLE Shell 3.10.7"
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64
bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\shree\Desktop\rinex\New folder\OpenCV\checkers.py ===
```

