RINEX

Mini Project

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PRESIDENCY UNIVERSITY BENGALURU

3RD YEAR

8 x 8 CHECKERBOARD

CODE :

```python
import numpy as np
import cv2
img = np.zeros((800,800,3))
j = 100

img[0:100,0:100] = 255,255,255
img[0:100,200:300] = 255,255,255
img[0:100,400:500] = 255,255,255
img[0:100,600:700] = 255,255,255

img[100:200,100:200] = 255,255,255
img[100:200,300:400] = 255,255,255
img[100:200,500:600] = 255,255,255
img[100:200,700:800] = 255,255,255

img[200:300,0:100] = 255,255,255
img[200:300,200:300] = 255,255,255
img[200:300,400:500] = 255,255,255
img[200:300,600:700] = 255,255,255

img[300:400,100:200] = 255,255,255
img[300:400,300:400] = 255,255,255
img[300:400,500:600] = 255,255,255
img[300:400,700:800] = 255,255,255

img[400:500,0:100] = 255,255,255
img[400:500,200:300] = 255,255,255
img[400:500,400:500] = 255,255,255
img[400:500,600:700] = 255,255,255

img[500:600,100:200] = 255,255,255
img[500:600,300:400] = 255,255,255
img[500:600,500:600] = 255,255,255
img[500:600,700:800] = 255,255,255

img[600:700,0:100] = 255,255,255
img[600:700,200:300] = 255,255,255
img[600:700,400:500] = 255,255,255
img[600:700,600:700] = 255,255,255

img[700:800,100:200] = 255,255,255
img[700:800,300:400] = 255,255,255
img[700:800,500:600] = 255,255,255
img[700:800,700:800] = 255,255,255
cv2.imshow('CHECKER BOARD',img)
```

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

Screenshot: