

Rinex-Education Research Center

Rinex, 823, 2nd floor, 27th Main, HSR Layout, Sector 1, Bangalore - 560102, Karnataka, India



CHECKER BOARD

Mini Project report submitted in partial fulfillment of the
requirement for the course of

DATA SCIENCE

Submitted By

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Under Guidance

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Source Code

```
import numpy as np
import cv2

img=np.zeros((800,800,3))

#1st row
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

#2nd row
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

#3rd row
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

#4th row
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
```

#5th row

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

#6th row

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

#7th row

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

#8th row

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()

Snapshots

